

GRE

PROJECT ID:
WITH: N/A

1009-34-32

COUNTY:

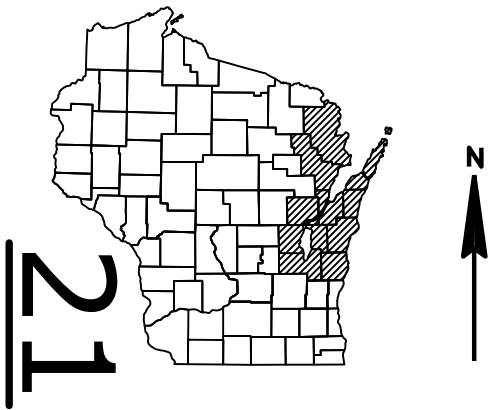
NE REGION WIDE

FEBRUARY 2020

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Gross Sections

TOTAL SHEETS = 62



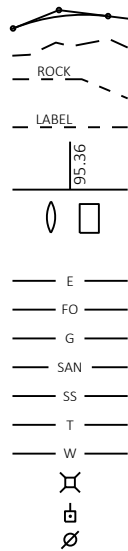
DESIGN DESIGNATION

A.A.D.T.	=
A.A.D.T.	=
D.H.V.	=
D.D.	=
T.	=
DESIGN SPEED	=
ESALS	=

CONVENTIONAL SYMBOLS

<u>PLAN</u>	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

<u>PROFILE</u>	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
<u>UTILITIES</u>	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

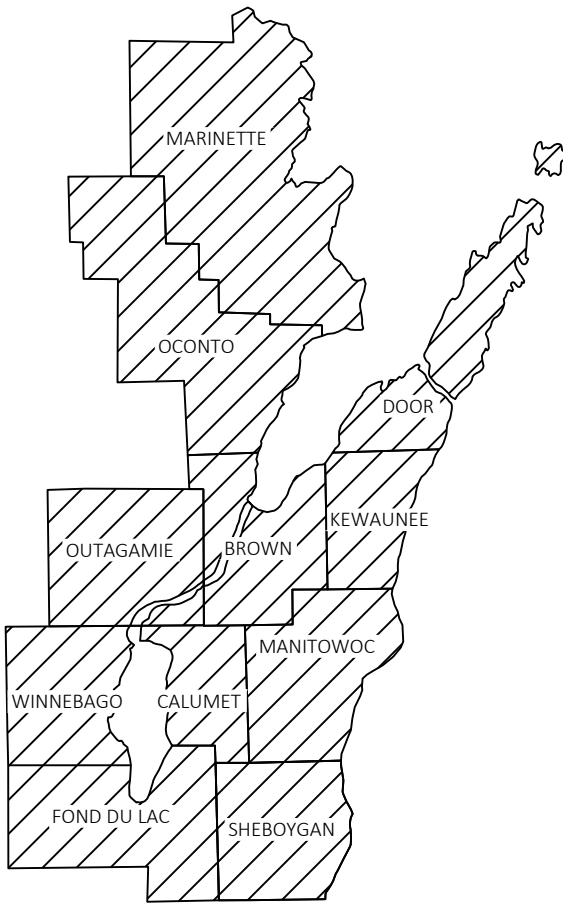
EPOXY PAVEMENT MARKING-STH/USH

VARIOUS STH/USH REGION WIDE

VAR HWY

NORTHEAST REGION WIDE

STATE PROJECT NUMBER
1009-34-32



HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN
COORDINATE REFERENCE SYSTEM (WISCRS), {NAME} COUNTY,
NAD83 HYEAR, IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID
COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES
ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED
TO NAVD 88 {YEAR}. GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1009-34-32	WISC 2020107	1

BROWN CO	61.5 MILES
CALUMET CO	7.5 MILES
DOOR CO	18.0 MILES
FOND DU LAC CO	40.0 MILES
KEWAUNEE CO	3.5 MILES
MANITOWOC CO	58.0 MILES
MARINETTE CO	33.0 MILES
OCONTO CO	15.5 MILES
OUTAGAMIE CO	57.0 MILES
SHEBOYGAN CO	18.0 MILES
WINNEBAGO CO	17.0 MILES
TOTAL	329.0 MILES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	
Designer	S. HERLACHE
Project Manager	E. SIKORSKI
Regional Examiner	
Regional Supervisor	M. FREWERD

APPROVED FOR THE DEPARTMENT	
DATE: 10/10/2019	Eric Sikorski P.E. (Signature)

E

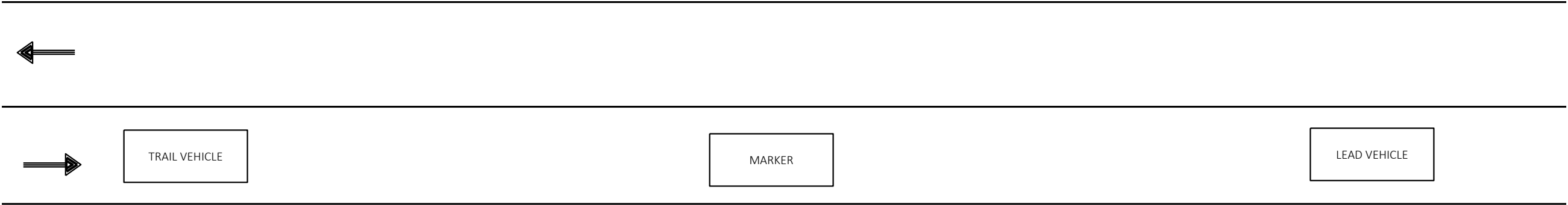
GENERAL NOTES

THERE ARE NO UTILITY ADJUSTMENTS NECESSARY TO ACCOMMODATE THE WORK UNDER THIS PROJECT.



ORDER OF SHEETS

TITLE SHEET
GENERAL NOTES
CONSTRUCTION DETAIL
PAVEMENT MARKING LOCATION MAP
MISCELLANEOUS QUANTITIES



FRONT AND REAR ARROW BOARDS

SIGN FACING REAR
"ROADWAY MARKING"
* VEHICLE CONVOY
WET ** LINE

REAR ARROW BOARD

SIGN FACING REAR
"WET PAINT/EPOXY"
FREQUENT STOPS

FRONT AND REAR ARROW BOARDS

SIGN FACING FRONT
"ROADWAY MARKING"
KEEP RIGHT

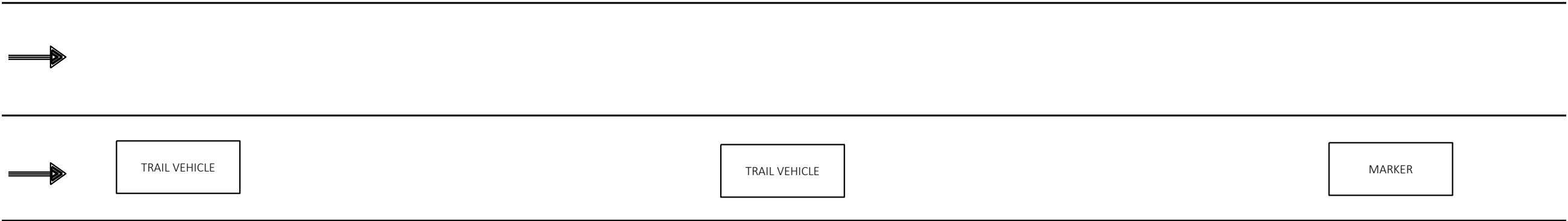
SIGN FACING REAR
"ROAD MARKING"
* VEHICLE CONVOY
WET ** LINE

NOTE:

ALL VEHICLES SHALL HAVE FLASHING WARNING LIGHTS,
FRONT AND REAR.
PAINT GUN CARRIAGES, RIGHT AND LEFT, SHALL HAVE
FLASHING CLEARANCE MARKER LIGHTS, YELLOW TO THE
FRONT AND RED TO THE REAR, ON THE OUTSIDE OF THE
OUTRIGGER ASSEMBLY.

CONVENTIONAL ROADWAYS

- * NUMBER OF VEHICLES IN CONVOY
- ** COLOR OF MARKING MATERIAL

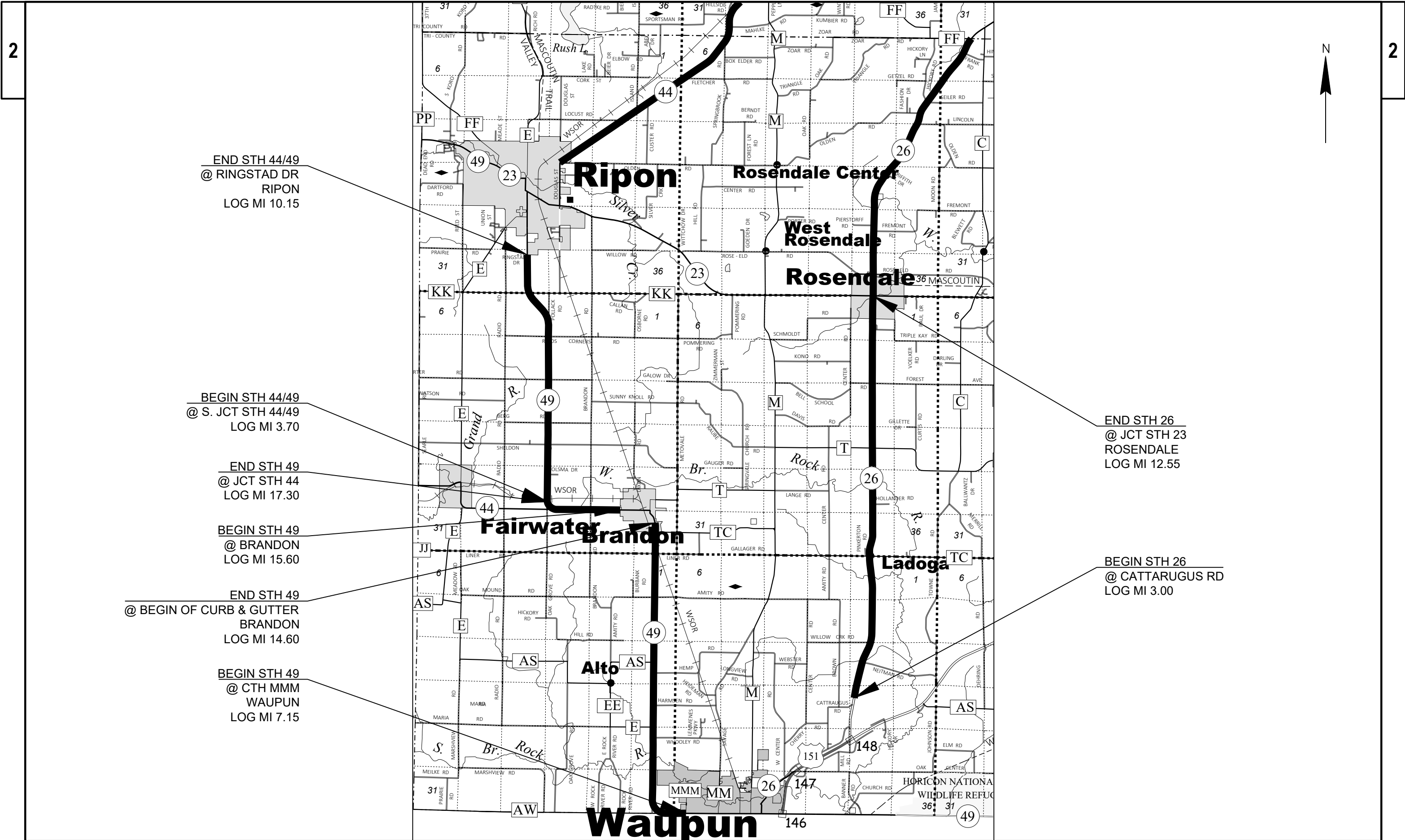


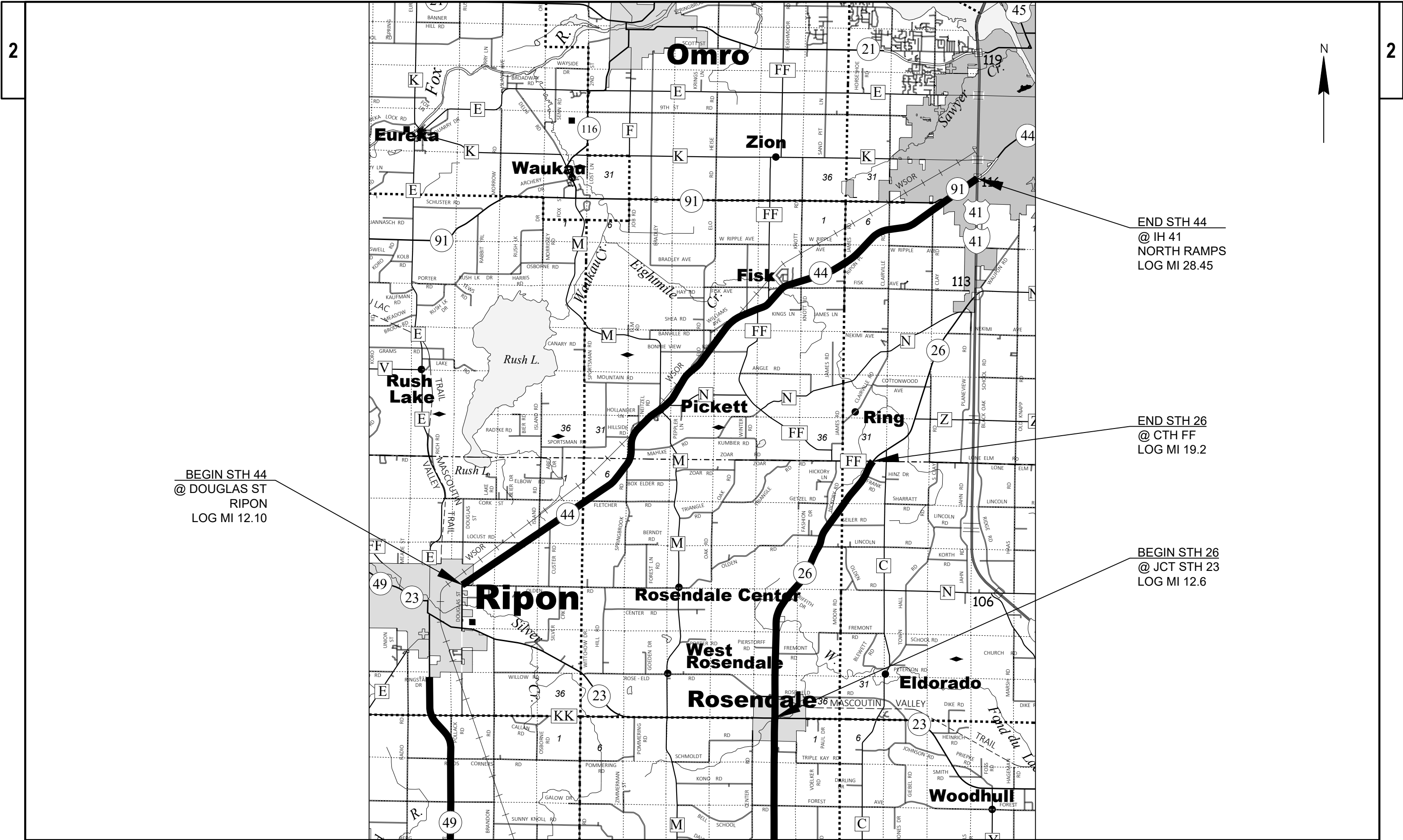
SIGN
"ROADWAY MARKING"
* VEHICLE CONVOY
WET ** LINE

SIGN
"ROADWAY MARKING"
* VEHICLE CONVOY
WET ** LINE

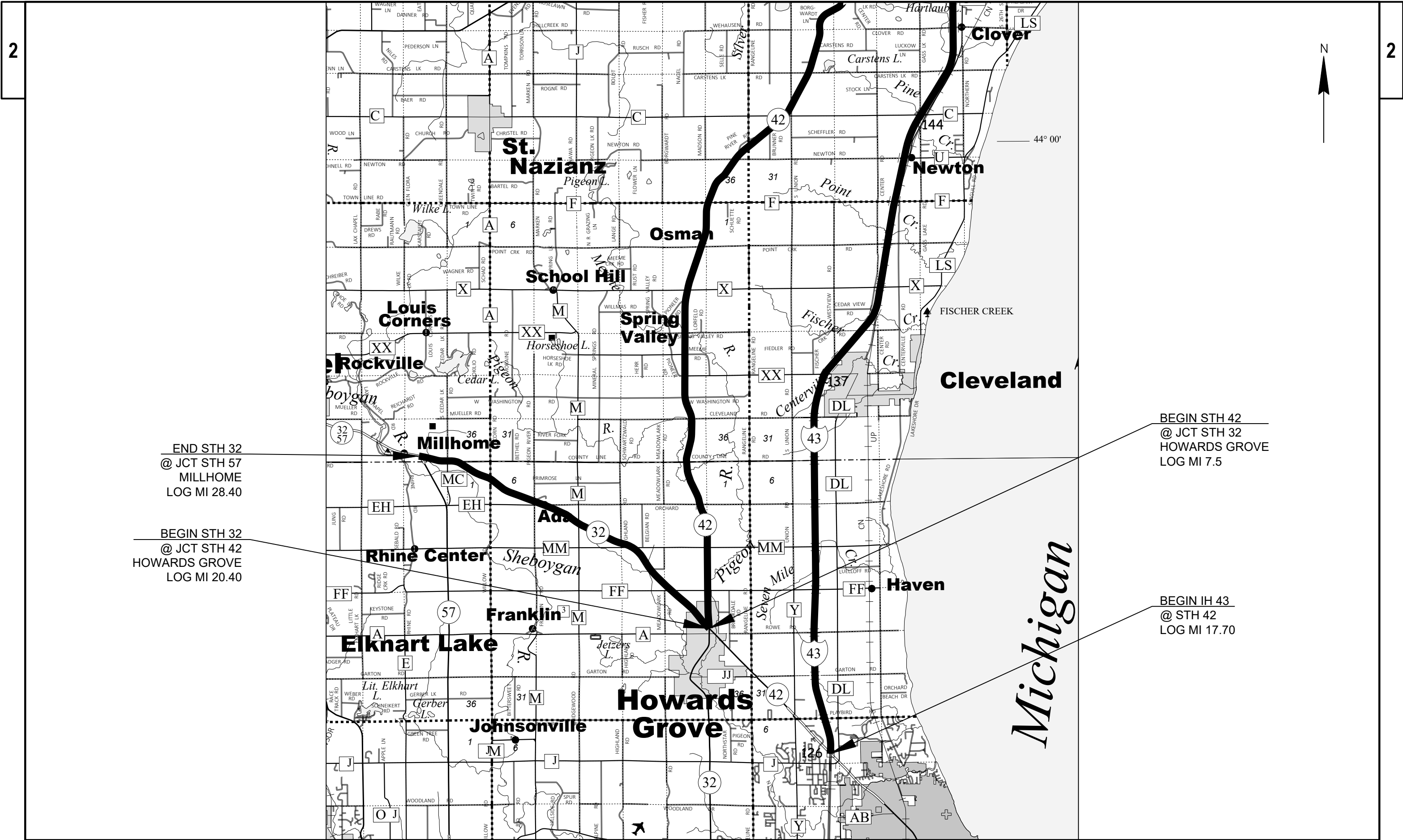
SIGN
"WET PAINT/EPOXY"
FREQUENT STOPS

DIVIDED ROADWAYS
(ALL SIGNS AND ARROW BOARDS FACING REAR)





PROJECT NO: 1009-34-32	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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END STH 32
@ JCT STH 57
MILLHOME
LOG MI 28.40

BEGIN STH 32
@ JCT STH 42
HOWARDS GROVE
LOG MI 20.40

BEGIN STH 42
@ JCT STH 32
HOWARDS GROVE
LOG MI 7.5

BEGIN IH 43
@ STH 42
LOG MI 17.70



END STH 147
@ IH 43
WEST RAMPS
LOG MI 15.00

END IH 43
@ JCT USH10/STH 310
LOG MI 43.70

BEGIN STH 310
@ IH 43
WEST RAMPS
LOG MI 0.25

BEGIN USH 10
@ IH 43
LOG MI 58.40

END STH 42
@ JCT USH 151
MANITOWOC
LOG MI 26.10

BEGIN STH 147
@ CTH VV
TWO RIVERS
LOG MI 2.00

END STH 310
@ COLUMBUS ST
TWO RIVERS
LOG MI 7.45

END USH 10
@ CTH R
LOG MI 59.95



END STH 54
@ JCT STH 76
SCHIOCTON
LOG MI 8.10

END STH 47
@ JCT STH 54
BLACK CREEK
LOG MI 20.00

BEGIN STH 54
@ WAUPACA/OUTAGAMIE
COUNTY LINE
NEW LONDON
LOG MI 0.00

END STH 96
@ STH 76
LOG MI 10.00

BEGIN STH 47
@ CHT JJ
LOG MI 8.20

BEGIN STH 96
@ USH 45
LOG MI 0.00

END IH 41
@ JCT STH 15
LOG MI 50.15

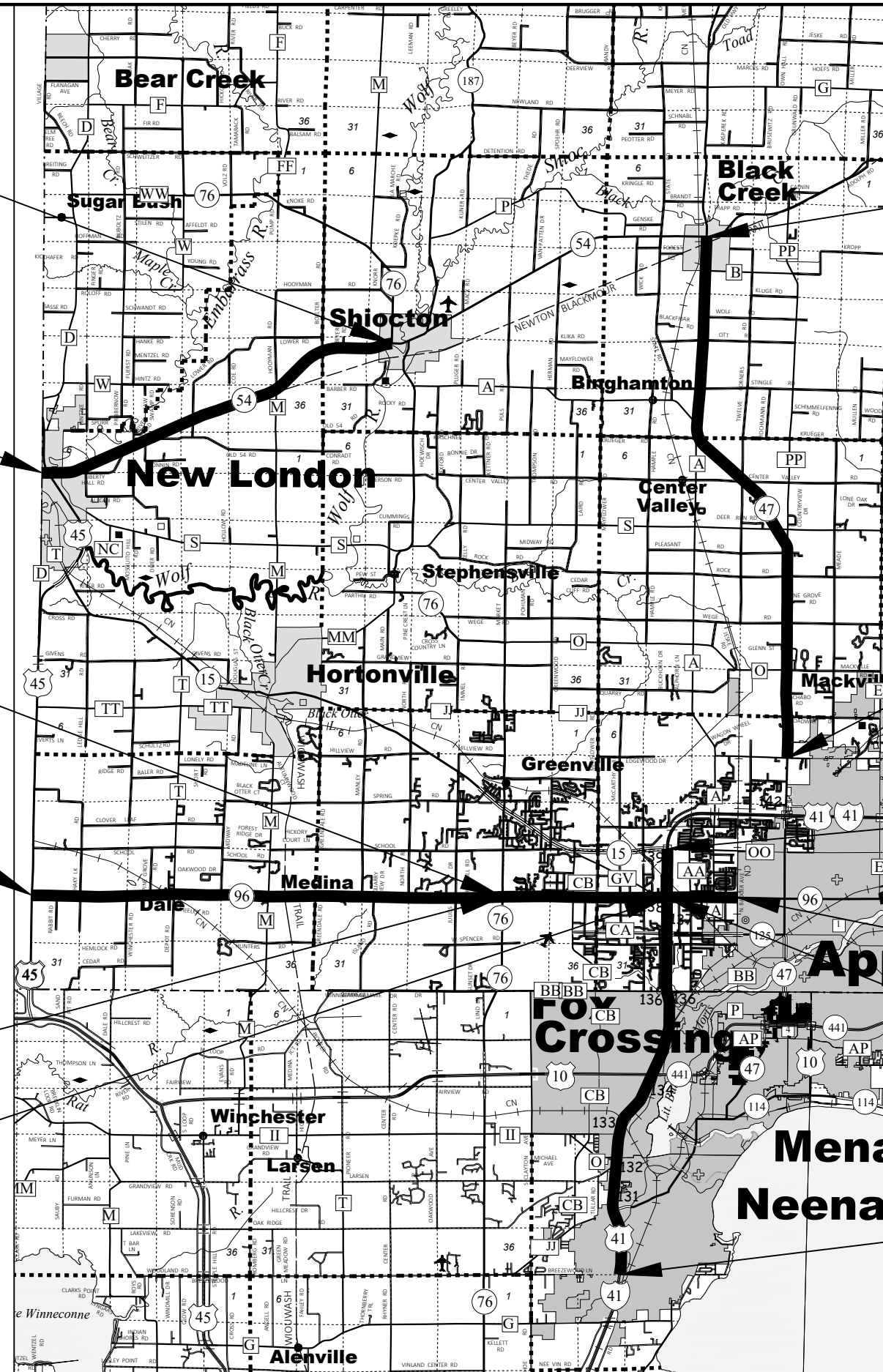
BEGIN STH 96
@ STH 76
LOG MI 10.00

END STH 96
@ BADGER AVE
LOG MI 15.00

END STH 96
@ IH 41
EAST RAMP
LOG MI 13.60

BEGIN STH 96
@ IH 41
EAST RAMP
LOG MI 13.60

BEGIN IH 41
@ BREEZEWOOD LN
LOG MI 41.40





END STH 54
@ CTH J
ONEIDA
LOG MI 28.60

BEGIN STH 54
@ WEST JCT STH 55
SEYMOUR
LOG MI 21.83

END IH 41
@ CTH F
SCHEURING RD
LOG MILE 71.80

BEGIN IH 41
@ CTH J
LOG MILE 61.80

END STH 96
@ ADAMS ST
LITTLE CHUTE
LOG MI 20.75

BEGIN STH 96
@ CTH E
LOG MILE 18.10

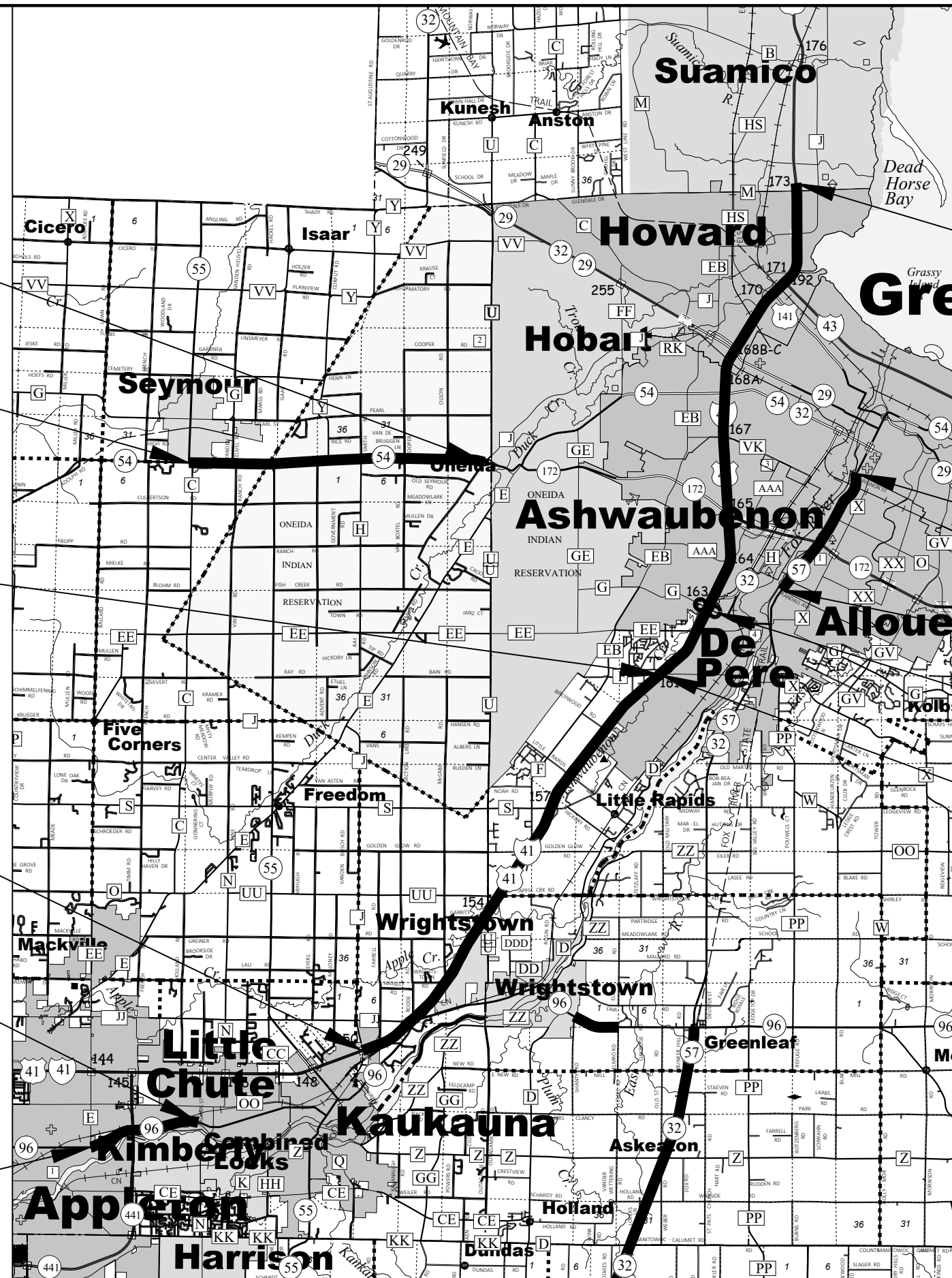
END IH 41
@ 1/4 MI NORTH OF CTH M
LINEVILLE RD
LOG MI 85.60

END STH 57
@ GRIGNON AVE
LOG MI 28.00

BEGIN STH 57
@ RANDALL AVE
LOG MI 24.75

IH 41 EXIT 163A
CTH G ROUND-A-BOUNTS
BOTH RAMP TERMINALS
LOG MI 0.00 / LOG MI 0.50

BEGIN IH 41
@ 1/4 MI SOUTH OF CTH F
SCHEURING RD
LOG MI 71.90



PROJECT NO: 1009-34-32

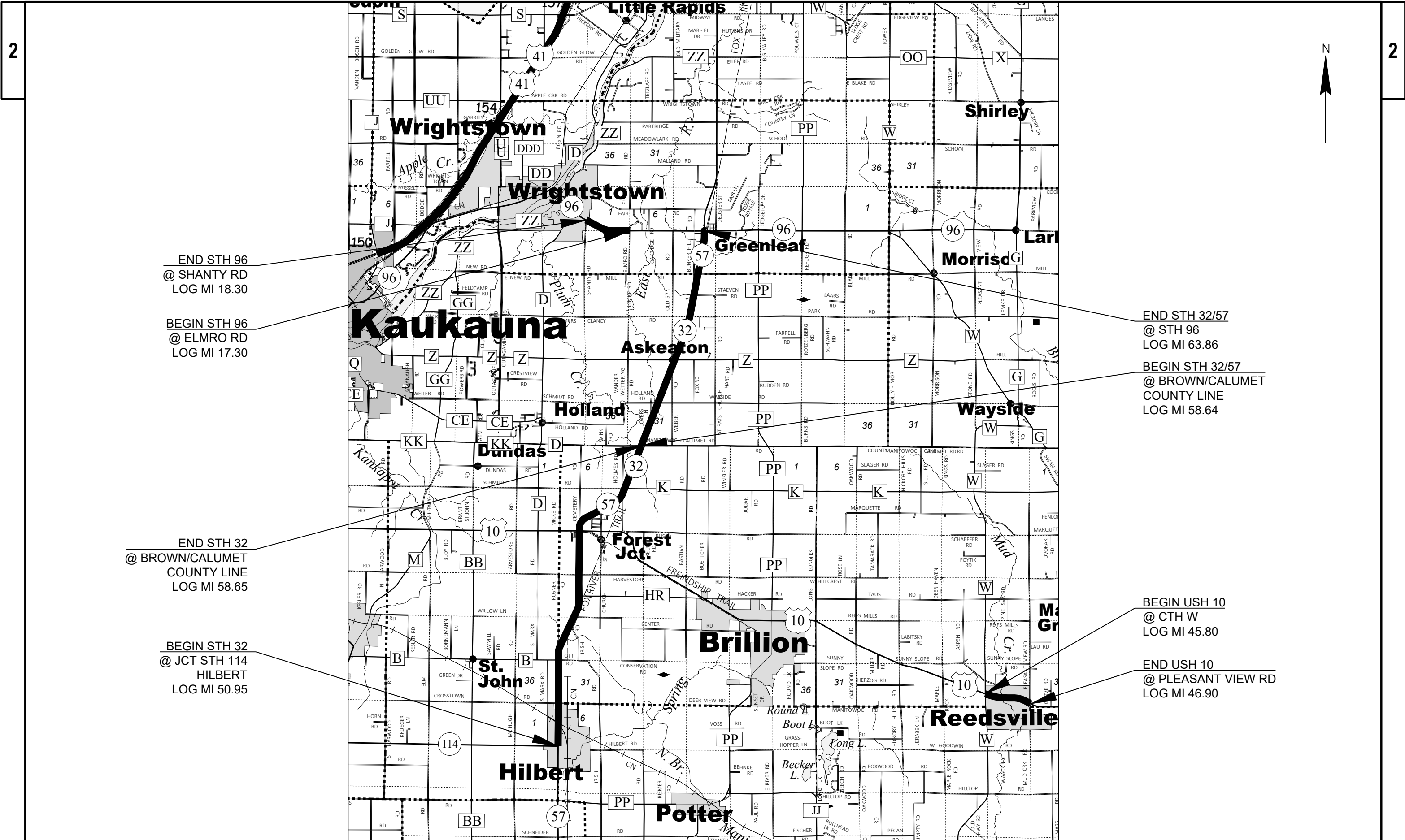
HWY: VARIES

COUNTY: VARIES

PAVEMENT MARKING LOCATION MAP

SHEET

E



END STH 96
@ SHANTY RD
LOG MI 18.30

BEGIN STH 96
@ ELMRO RD
LOG MI 17.30

END STH 32/57
@ STH 96
LOG MI 63.86

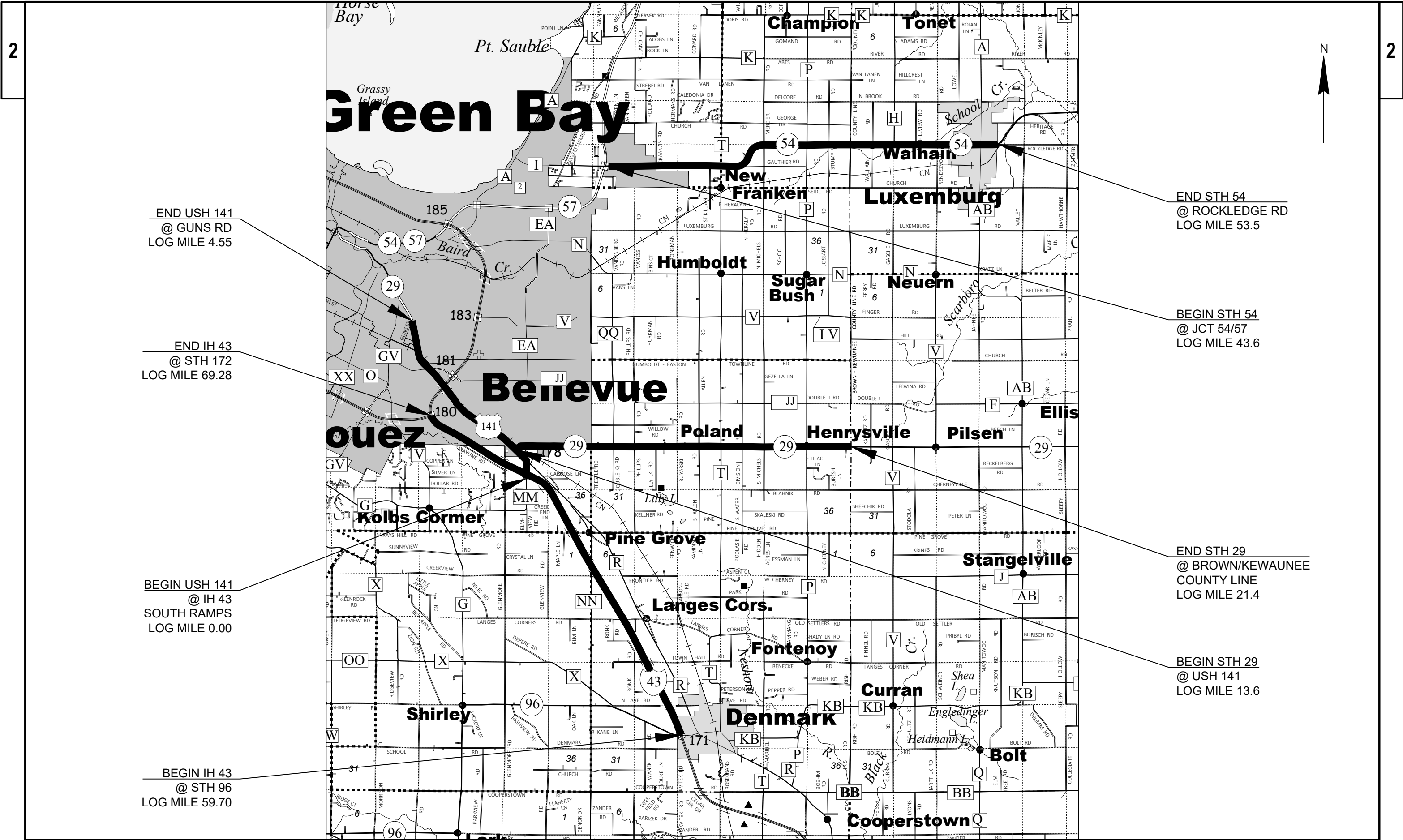
BEGIN STH 32/57
@ BROWN/CALUMET
COUNTY LINE
LOG MI 58.64

END STH 32
@ BROWN/CALUMET
COUNTY LINE
LOG MI 58.65

BEGIN STH 32
@ JCT STH 114
HILBERT
LOG MI 50.95

BEGIN USH 10
@ CTH W
LOG MI 45.80

END USH 10
@ PLEASANT VIEW RD
LOG MI 46.90



END USH 141
@ GUNS RD
LOG MILE 4.55

END IH 43
@ STH 172
LOG MILE 69.28

BEGIN USH 141
@ IH 43
SOUTH RAMPS
LOG MILE 0.00

BEGIN IH 43
@ STH 96
LOG MILE 59.70

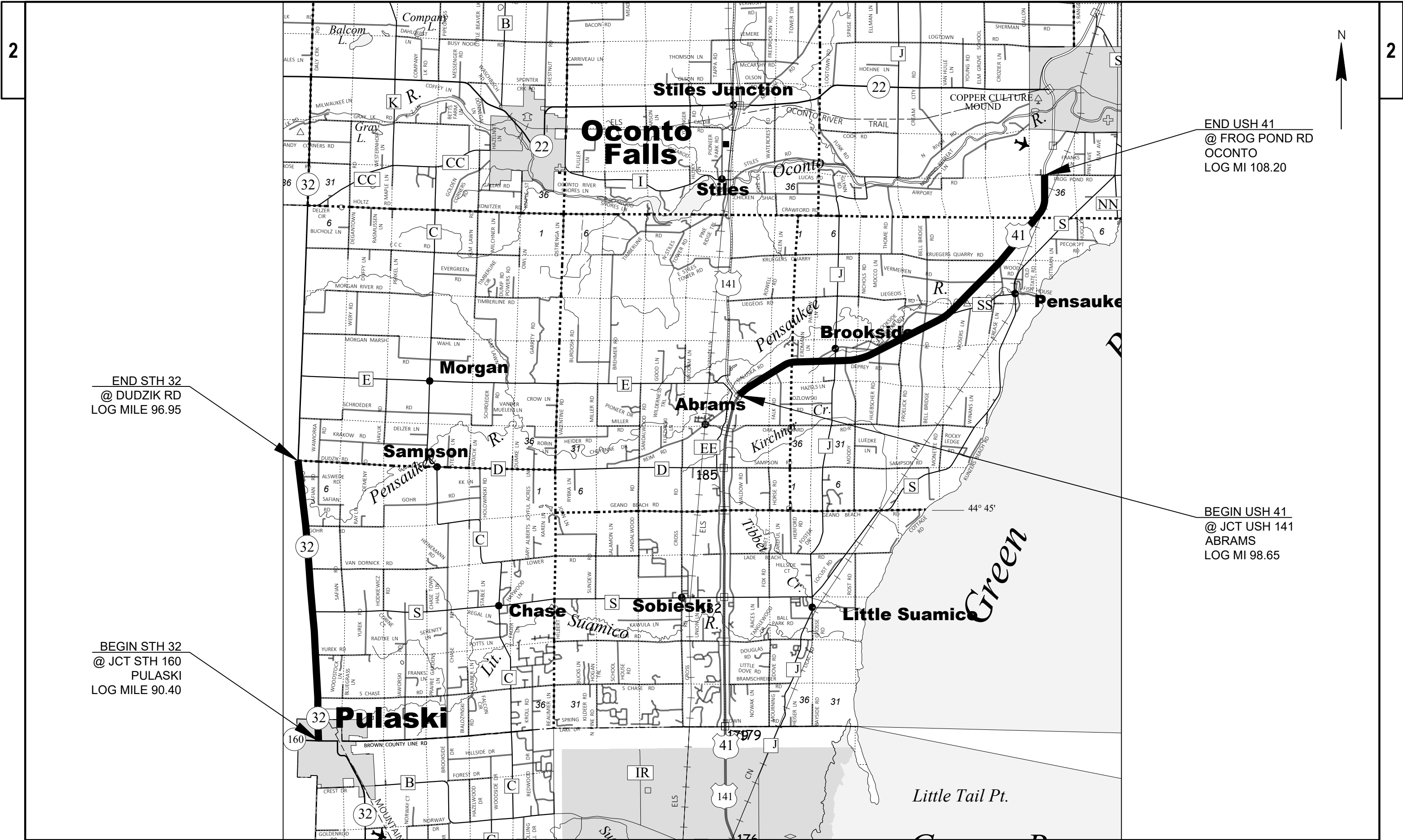
END STH 54
@ ROCKLEDGE RD
LOG MILE 53.5

BEGIN STH 54
@ JCT 54/57
LOG MILE 43.6

END STH 29
@ BROWN/KEWAUNEE
COUNTY LINE
LOG MILE 21.4

BEGIN STH 29
@ USH 141
LOG MILE 13.6

PROJECT NO: 1009-34-32	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET E
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PROJECT NO: 1009-34-32	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET E
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END USH 141
@ JCT CTH C
LOG MI 55.45

BEGIN USH 141
@ JCT STH 180
LOG MI 54.30

END USH 141
@ STH 180
WAUSAUKEE
LOG MI 54.30

BEGIN USH 141
@ JCT CTH X
MIDDLE INLET
LOG MI 48.75

END USH 141
@ CTH X
LOG MI 48.75

BEGIN USH 141
@ CTH W
CRIVITZ
LOG MI 44.50

END USH 141
@ CTH W
LOG MI 44.75

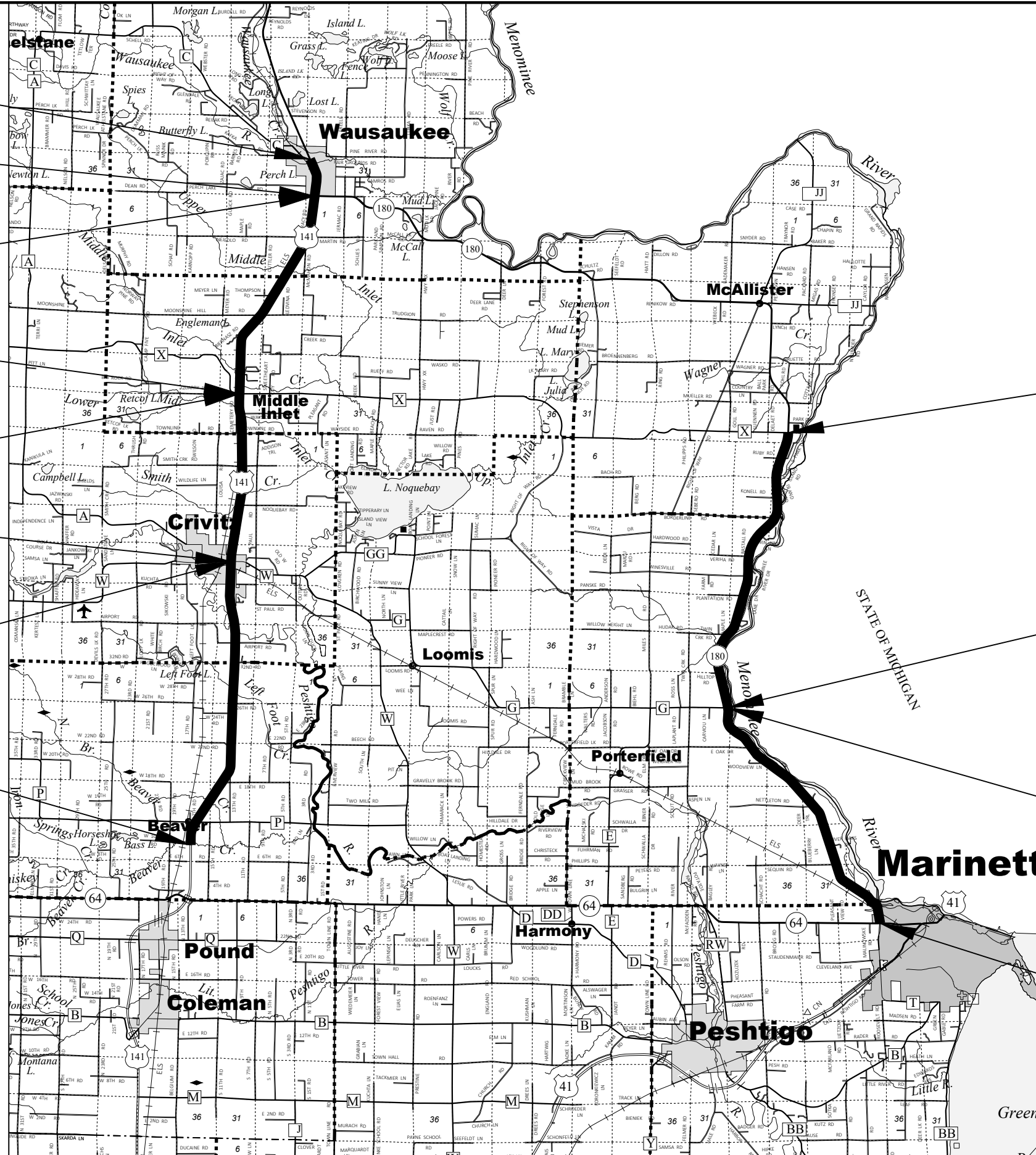
BEGIN USH 141
@ END OF
DIVIDED ROADWAY
SOUTH OF CTH P
LOG MI 36.75

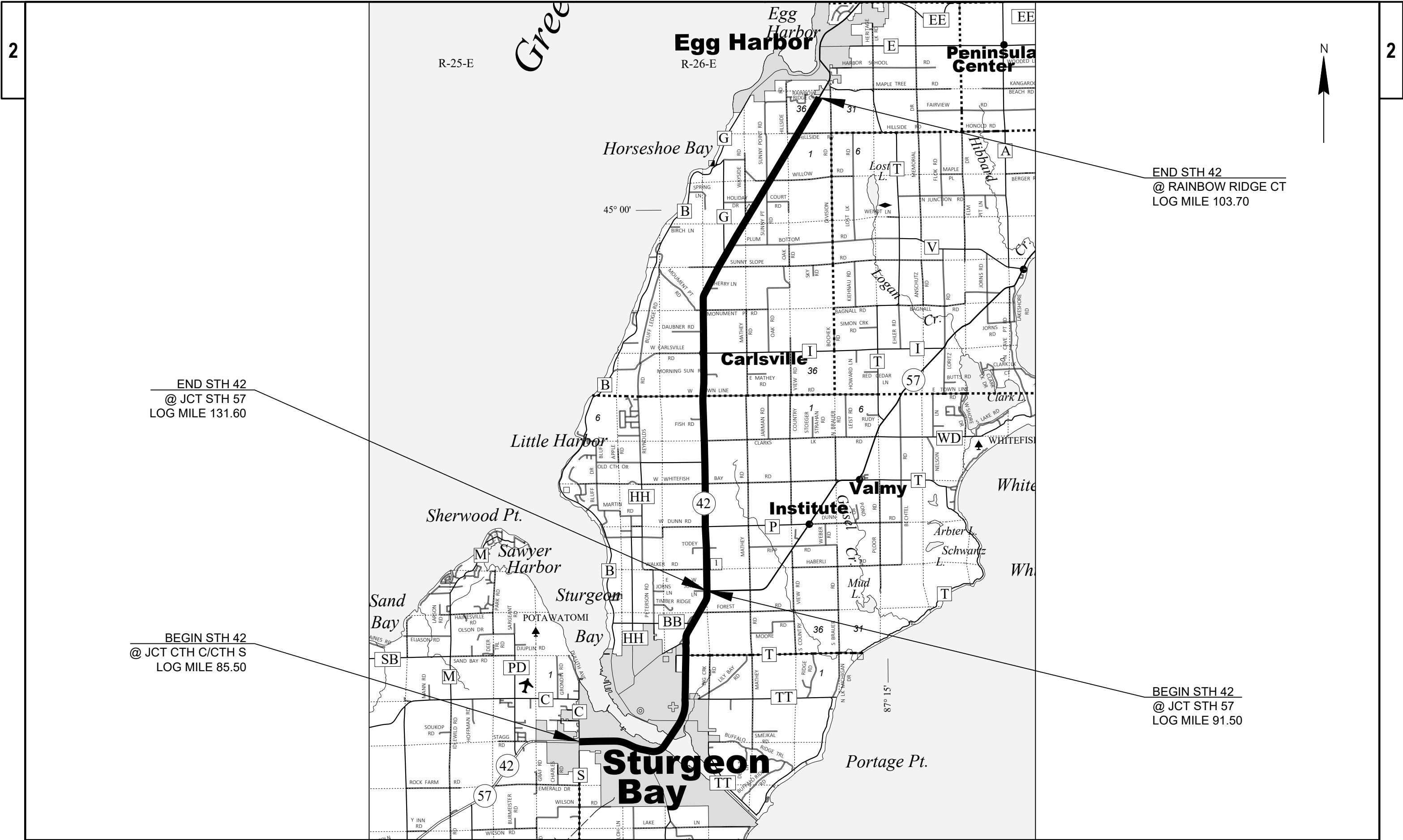
END STH 180
@ CTH X
LOG MI 14.50

BEGIN STH 180
@ JCT CTH G
LOG MI 7.00

END STH 180
@ JCT CTH G
LOG MI 7.00

BEGIN STH 180
@ STH 64
MARINETTE
LOG MI 0.00





END STH 42
@ JCT STH 57
LOG MILE 131.60

BEGIN STH 42
@ JCT CTH C/CTH S
LOG MILE 85.50

END STH 42
@ RAINBOW RIDGE CT
LOG MILE 103.70

BEGIN STH 42
@ JCT STH 57
LOG MILE 91.50

IH41 SOUTH BOUND EXIT 163A
CTH "G" ROUND-A-BOUT
WEST SIDE OF IH41



LEGEND

- | | |
|---|--|
| 1 | 646.3020 8" EPOXY - 6FT SEG/3FT SKIP |
| 2 | 646.3020 8" EPOXY - 1FT SEG/3FT SKIP |
| 3 | 646.6320 DOTTED EXTENSION 18" EPOXY - 2FT SEG/2FT SKIP |
| 4 | 646.5020 ARROWS EPOXY TYPE 1 |
| 5 | 646.5020 ARROWS EPOXY TYPE 2 |
| 6 | 646.5020 ARROWS EPOXY TYPE 3 |
| 7 | 646.5020 ARROWS EPOXY TYPE 3R |
| 8 | 646.5120 WORD EPOXY (YIELD) |



PROJECT NO: 1009-34-32

HWY: VARIES

COUNTY: VARIES

PAVEMENT MARKING LOCATION MAP

SHEET

E

IH41 NORTH BOUND EXIT 163A
CTH "G" ROUND-A-BOUT
EAST SIDE OF IH41



LEGEND

- | | |
|---|--|
| 1 | 646.3020 8" EPOXY - 6FT SEG/3FT SKIP |
| 2 | 646.3020 8" EPOXY - 1FT SEG/3FT SKIP |
| 3 | 646.6320 DOTTED EXTENSION 18" EPOXY - 2FT SEG/2FT SKIP |
| 4 | 646.5020 ARROWS EPOXY TYPE 1 |
| 5 | 646.5020 ARROWS EPOXY TYPE 2 |
| 6 | 646.5020 ARROWS EPOXY TYPE 3 |
| 7 | 646.5020 ARROWS EPOXY TYPE 3R |
| 8 | 646.5120 WORD EPOXY (YIELD) |

PROJECT NO: 1009-34-32

HWY: VARIES

COUNTY: VARIES

PAVEMENT MARKING LOCATION MAP

SHEET

E

Estimate Of Quantities

1009-34-32

Line	Item	Item Description	Unit	Total	Qty
0002	619.1000	Mobilization	EACH	1.000	1.000
0004	646.1020	Marking Line Epoxy 4-Inch	LF	4,724,950.000	4,724,950.000
0006	646.3020	Marking Line Epoxy 8-Inch	LF	76,515.000	76,515.000
0008	646.5020	Marking Arrow Epoxy	EACH	124.000	124.000
0010	646.5120	Marking Word Epoxy	EACH	80.000	80.000
0012	646.5320	Marking Railroad Crossings Epoxy	EACH	20.000	20.000
0014	646.5420	Marking Aerial Enforcement Bar Epoxy	EACH	104.000	104.000
0016	646.6120	Marking Stop Line Epoxy 18-Inch	LF	1,960.000	1,960.000
0018	646.6220	Marking Yield Line Epoxy 18-Inch	EACH	29.000	29.000
0020	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	170.000	170.000
0022	SPV.0105	Special 01. Traffic Control 1009-34-31	LS	1.000	1.000

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH		646.3020 EPOXY 8-INCH LF	646.6120 STOP LINE EPOXY 18-INCH LF	646.6220 YIELD LINE SYMBOLS Epoxy EACH	646.5020 ARROWS EPOXY		646.5120 WORDS EPOXY ONLY EACH	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF				TYPE 3 EACH	TYPE 2 EACH		
I 41		9.00									
From:Breezewood Ln	41.40										On Ramp Breezewood Ln
To: STH 15	50.15										Pvmt Change @ (Exit 139) STH 15/Northland Ave
North Bound			34,250	46,150							(Main Line) Rt/Lt Edge Lines
(Exit 131) STH 114/CTH JJ			2,400	1,120	720	25	10		2	2	(Exit 131) Ramp Edge Lines/ Arrows/Turn Lanes/Yield Symbols
Enter From STH 114			1,025	725	200						Ramp Edge Lines/ 8 Inch Island Gore
(Exit 132) Main St/Oak Ridge Rd			1,245		345	45			4	2	(Exit 132) Main St/Oak Ridge Rd
(Exit 133) CTH II/Winchester Rd			1,260	675	260	35					(Exit 133) Ramp Edge Lines/8 Inch Turn
On From CTH II/Winchester Rd			975	725							Rt/Lt Ramp Edge Lines
(Exit 136) CTH BB/Prospect Ave			2,040	865		30					(Exit 136) CTH BB/Prospect Ave/ Ramp Edge Lines/Stop Bar
Enter from CTH BB/Prospect Ave			2,100	825							Rt/Lt Ramp Edge Lines
(Exit 137)STH 125/College Ave			1,665	825		45		2	6	6	(Exit 137) STH 125/College Ave Ramp Edge Lines/Stop Bar/Arrows/Words
Enter from STH 125/College Ave			1,500	800							Rt/Lt Ramp Edge Lines
(Exit 138) STH 96/Wisconsin Ave			1,235	880		30		2	4	4	(Exit 138) STH 96/Wisconsin Ave Ramp Edge Lines/Stop Bar/Arrows/Words
Enter from STH 96/Wisconsin Ave			1,675	775							Rt/Lt Ramp Edge Lines
South Bound			32,200	48,050							(Main Line) Rt/Lt Edge Lines
(Exit 138) STH 96/Wisconsin Ave			1,515	700	160	40					Rt/Lt Ramp Edge Lines/Stop Bar/8 Inch Turn
Enter from STH 96/Wisconsin Ave			1,360	600							Rt/Lt Ramp Edge Lines
(Exit 137)STH 125/College Ave			965	750		40		2	6	6	(Exit 137) STH 125/College Ave Ramp Edge Lines/Stop Bar/Arrows/Words
Enter from STH 125/College Ave			1,685	935							Rt/Lt Ramp Edge Lines
(Exit 136) CTH BB/Prospect Ave			1,700	775	330	15			2	2	(Exit 136) CTH BB/Prospect Ave/Ramp Edge Lines/Stop Bar/Arrow/Word
On CTH BB Between Ramps					600						On CTH BB/8 Inch Turn Lanes I41 NB/I41 SB
Enter from CTH BB/Prospect Ave			1,145	770							Rt/Lt Ramp Edge Lines
(Exit 133) CTH II/Winchester Rd			1,025	700		45					(Exit 133) CTH II/Winchester Rd/Ramp Edge Lines/Stop Bar/Arrows/Words
Enter from CTH II/Winchester Rd			1,200	735							Rt/Lt Ramp Edge Lines
(Exit 132) Main St/Oak Ridge Rd			1,350	900	280	25			4	2	Rt/Lt Ramp Edge Lines/Stop Bar/8 Inch Turn
(Exit 131) STH 114/CTH JJ			1,500	955	580	25	10	2	4	4	(Exit 131) Ramp Edge Lines/ Arrows/Turn Lane/Yield Symbols
Enter From STH 114			1,500	1,080	120						Rt/Lt Ramp Edge Lines/Island Gore Bottom of Ramp
SUB-TOTALS			98,515	111,315	3,595	400	20	8	32	28	
TOTALS			209,830		3,595	400	20	40		28	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH SOLID WHITE L.F.	REMARKS
STH 96		1.00		
From: Elmro Rd	17.30			Elmro Rd
To: Shanty Rd	18.30			Shanty Rd Wrightstown
WEST BOUND			5,500	Edge Line
TOTAL			5,500	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH SOLID YELLOW LF	REMARKS
STH 32		8.00		
From: Howards Grove	20.40			Jct STH 42
To:Jct STH 32/57	28.40			Jct STH 32/57 (Milhome)
NORTH BOUND				
Edge line/Center Line			40,000	
SOUTH BOUND				
TOTAL			40,000	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH		646.3020 8-INCH EPOXY LF	646.5020 ARROW EPOXY TYPE 5 EACH	646.6120 STOP LINE 18-INCH EPOXY LF	646.5420 AERIAL ENFORCEMENT EPOXY 24-INCH EACH	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF					
IH 41		10.00							
From: CTH J	61.80								North Ramps
To: CTH F/Schuering Rd	71.80								CTH F/Schuering Rd
North Bound			43,950	50,800					Edge Lines
Weigh Station			1,750	1,260					Ramp Edge Lines
Weigh Station			500	525					Ramp Edge Lines
CTH U			1,520	885		2	30		Lane drop arrow/Ramp Edge Lines/Stop Bar bottom of ramp
CTH U			2,360	890					Ramp Edge Lines
CTH S			1,600	1,125	100		45		Ramp Edge Lines/Stop Bar/Island Gore/Stop Bar
CTH S			2,210	800					Ramp Edge Lines
CTH S								4	2 Sets Aerial Bars
South Bound			46,550	50,600					Edge Line
CTH S			1,700	1,140	100		45		Ramp Edge Lines/Stop Bar top of ramp/Island Gore
CTH S			2,130	775					Ramp Edge Lines
CTH U			1,300	920			45		Ramp Edge Lines/Stop Bar bottom of ramp
CTH U			2,500	965					Ramp Edge Lines
South Bound Enforcement Bars									South Bound Enforcement Bars
CTH U								10	5 Sets Aerial Bars
SUB-TOTALS			108,070	110,685	200		165	14	
TOTALS			218,755		200	2	165	14	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH		646.3020 8-INCH EPOXY LF	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF		
IH 43		10.00				
From: STH 96	59.70					Denmark
To: STH 172	69.28					Green Bay
North Bound			47,100	51,100		Main Line Right/Left Edge Lines
STH 96 Exit Ramp			1,565	1,100	75	Exit Ramp Edge Lines/Island Gore Top of Ramp
STH 96 Enterance Ramp			2,115	1,070		Enterance Ramp Edge Lines
USH 141/STH 29/CTH MM Exit Ramp			1,620	1,100	75	Exit Ramp Edge Lines/Island Gore Top of Ramp
USH 141/STH 29/CTH MM Enterance Ramp			2,145	920		Enterance Ramp Edge Lines
South Bound			47,100	51,100		Main Line Right/Left Edge Lines
USH 141/STH 29/CTH MM Exit Ramp			1,925	1,425	75	Exit Ramp Edge Lines/Island Gore Top of Ramp
USH 141/STH 29/CTH MM Enterance Ramp			2,130	900		Enterance Ramp Edge Lines
STH 96 Exit Ramp			1,600	1,160	75	Exit Ramp Edge Lines/Island Gore Top of Ramp
STH 96 Enterance Ramp			2,370	1,050		Enterance Ramp Edge Lines
SUB-TOTALS			109,670	110,925	300	
TOTALS			220,595		300	

PAVEMENT MARKING										
LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.5020 ARROWS EPOXY		646.5120 WORDS EPOXY ONLY EACH	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	TYPE 2 EACH	TYPE 2R EACH			
IH 41		14.00								
From: CTH F	71.90									Pvmt change 1/4 South of Scheuring Rd
To: CTH M	85.60									Pvmt change 1/4 North of CTH MLineville on ramp
NORTH BOUND			47,750		72,300					Rt/Lt Edge Line (Main line)
(Exit 161) CTH F/Scheuring Rd			2,550		1,075	3	2	1		(Exit 161) Rt/Lt Ramp Edge Line/Arrowsand word are on exit ramp
Enter CTH F/Scheuring Rd			800		150					Rt/Lt Ramp Edge Line
(Exit 163 A) CTH G/Main Ave			1,300		825					(Exit 163 A) Rt/Lt Ramp Edge Line
Enter Ramp CTH G/Main Ave			1,400		950					Rt/Lt Ramp Edge Line
(Exit 163 B) Exit Ashland Ave			3,700	1,000	3,075					Lane line/Rt/Lt Ramp Edge Line to Glory Rd
(South Bound) Enter from Ashland Ave			3,625	1,000	4,685					Enter From Glory Rd (Round- a-bout) to I 41 SB /Rt/Lt Ramp Edge Line
(Exit 164 A) To Oneida St/Waube Ln			1,275		1,280					Rt/Lt Ramp Edge Line
On Ramp from Oneida St/Waube Ln			1,460		450					Rt/Lt Ramp Edge Line
(Connector/Distributor) Exit Oneida to STH 172			1,785		4,515				15	Connector/Distibutor Exit Oneida to Exit STH 172/Stop bar bottom of ramp
(Exit 164 B) STH 172			1,785		4,840					Rt/Lt Ramp Edge Line
To North 41 (from Oneida/172 Connector/Distributor)			1,355		1,295					Connector/Distributor from Oneida/STH 172 to 41 North
Exit Ramp to A. Straubel Airport/West 172			1,200		2,200					Ramp to A. Straubel Airport/West 172
Exit Ramp to IH 43/East 172			1,900		900					Ramp to To IH 43/East 172 Rt/Lt Edgelines
(Exit 167) CTH VK/Lombardi Ave			1,325		1,180				45	Rt/Lt Ramp Edge Lines/Stop bars
Enter Lombardi Ave			2,000		1,200					Rt/Lt Ramp Edge Line
(Exit 168 A) Mason St			1,300		535					Rt/Lt Ramp Edge Line
Enter Mason St			1,750		500					Rt/Lt Ramp Edge Line
Connector/Distributor Edge lines			4,775		3,535					Connector/Distributor Mason to Shawano Ave
(Exit 168 B) 29 West/32 North			4,000		4,200					From 41 North to 29 W/32N (Exit 168 B)
(Exit 168 C) Shawano Ave Exit Ramp			1,050		450					Rt/Lt Ramp Edge Line Shawano Ave (Exit 168 C)
Shawano Ave On Ramp			3,200		1,000					Rt/Lt Ramp Edge Line
(Exit 170 A) Ramp Velp Ave			1,500		750					(Exit 170 A) Velp Ave Rt/Lt Ramp Edge Line
On Ramp from Velp Ave			1,700		1,000					Rt/Lt Edge Line On Ramp from Velp Ave
(Exit 173) Lineville CTH M			1,460		950					Rt/Lt Ramp Edge Line Exit 173 Lineville
Lineville On Ramp			2,200		1,020					Rt/Lt Ramp Edge Line
SOUTH BOUND			47,750		72,300					Rt/Lt Edge LineLine (Main line)
(Exit 173) Lineville CTH M			2,400		985					Rt/Lt Edge Line Exit 173 Lineville
Lineville On Ramp			1,265		975					Rt/Lt Edge Line On Ramp from Lineville
(Exit 170 A) Velp Ave			3,000		2,500					(Exit 170 A) Velp Ave Rt/Lt Edge Lines/South 141/ HS
Enter from Velp			1,250		875					Rt/Lt Edge Line On Ramp from Velp Ave
29 West/32 North (Exit 168 B)			5,025		2,400					Rt/Lt Edge Lines From 41 South to 29 W/32N
STH 29 East Ramp Edge Lines (Exit 168 C)			1,780		2,385					41 South to 29E/Shawano Ave (Exit 168 C)
Enter from Shawano Ave (STH 29 East)			1,600		750					Enter Ramp Rt/Lt Edge Lines From Shawano Ave
South 32/54 Mason St (Exit 168 A)			4,200		3,200					Rt/Lt Edge Lines Connector/Distributor Shawano Ave to Mason
Exit Ramp To Mason St			1,070		725					Exit Ramp Edge Lines
Enter Ramp from Mason St			1,150		650					Ramp Edge Lines from Mason St
(Exit 167) Lombardi Ave CTH VK			1,910		1,235					(Exit 167) Lombardi Ave/CTH VK Exit Ramp Edge Lines
Enter from Lombardi			1,225		965					Enter Ramp Edge Lines from Lombardi Ave
(Exit 164 B) Ramps East 172/To 43/172 West Airport			4,750		4,000					(Exit 164 B)Rt/Lt Edge lines Exit to East 172/To 43/Exit West 172
(Exit 164 A) Oneida/Waube La			1,120		920				60	(Exit 164 A) Exit Ramp Edge Lines
Enter from Oneida/Waube La			2,260		935					Rt/Lt Ramp Edge Lines
(Exit 163 A) Main Ave CTH G			1,650		1,635					(Exit 163 A) Exit Ramp Edge Lines/Arrows/Words/Island Gore
Enter from Main Ave CTH G			1,000		865					Rt/Lt Ramp Edge Lines
(Exit 161) CTH F/Scheuring Rd			1,800		1,115					Exit Ramp Rt/Lt Edge Lines
Enter from CTH F/Scheuring Rd			1,725		600					Enter Ramp Rt/Lt Edge Line
SUB-TOTALS			186,075	2,000	214,875	3	2	1	120	
TOTALS			402,950			5		1	120	
PROJECT NO:1009-34-32		HWY: VARIOUS		COUNTY: VARIOUS			MISCELLANEOUS QUANTITIES			SHEET:
										E

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.3020 EPOXY 8-INCH LF	646.5420 AERIAL ENFORCEMENT EPOXY 24-INCH EACH	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF			
IH 43		26.00						
From: STH 42	17.70							STH 42 Exit 128
To: USH 10/STH 310	43.70							USH 10 West Bound/STH 310
North Bound								
Main Line			128,100	34,350	137,100			Edge Lines/Lane Line
CTH XX Exit Ramp			1,980	35	1,300	685		Exit Ramp Gore/Edge Lines/Top of Ramp Gore
CTH XX On Ramp			2,170		950	1,365		On Ramp Gore/Edge Lines
CTH C Exit Ramp			1,670	35	1,000	750		Exit Ramp Gore/Edge Lines
CTH C On Ramp			2,270		1,000	1,415		On Ramp Gore/Edge Lines
USH 151 Exit Ramp			1,500	35	1,110	620		Exit Ramp Gore/Edge Lines
USH 151 On Ramp			2,270		1,000	1,325		On Ramp Gore/Edge Lines
USH 10 East Exit Ramp			1,560	35	1,090	620		42/JJ/10 Gore/Edge Lines
USH 10 East On Ramp			2,450		1,090	1,435		42/JJ/10 Gore/Edge Lines
USH 10 West Exit Ramp			1,850	35	1,300	740		USH 10 West/STH 310
USH 10 West Exit Ramp						80		Gore Bottom of Ramp
South Bound								
Main Line			126,350	34,425	137,300			Edge Lines/Lane Line
USH 10 West Exit Ramp			1,580	35	1,090			USH 10 West Exit Ramp
USH 10 West On Ramp			2,480		1,070	1,345		USH 10 West On Ramp
USH 10 East Exit Ramp			1,745	35	1,245	610		42/JJ/10 Gore/Edge Lines
USH 10 East On Ramp			2,360		965	1,465		42/JJ/10 Gore/Edge Lines
USH 151 Exit Ramp			1,595	35	1,180	580		Exit Ramp Gore/Edge Lines
USH 151 On Ramp			2,265		970	1,390		On Ramp Gore/Edge Lines
CTH C Exit Ramp			1,755	35	1,000	600		Exit Ramp Gore/Edge Lines
CTH C On Ramp			2,210		900	1,460		On Ramp Gore/Edge Lines
CTH XX Exit Ramp			1,530	35	1,060	630		Exit Ramp Gore/Edge Lines
CTH XX On Ramp			2,270		1,000	1,335		On Ramp Gore/Edge Lines
STH 42 Exit Ramp			1,800	35	1,215	750		Exit Ramp Gore/Edge Lines
North Bound								
Aerial Enforcement Bars								Aerial Enforcement Bars
South of CTH XX							10	5 SETS
Off Ramp to CTH XX							4	2 SETS
On Ramp From CTH XX							4	2 SETS
South of CTH C							8	4 SETS
USH 151 Off Ramp							4	2 SETS
USH 151 On Ramp							4	2 SETS
South Bound								
Aerial Enforcement Bars								Aerial Enforcement Bars
USH 151 Off Ramp							4	2 SETS
USH 151 On Ramp							4	2 SETS
North of CTH C							10	5 SETS
North of CTH XX							10	5 SETS
Off Ramp to CTH XX							4	2 SETS
On Ramp From CTH XX							4	2 SETS
North Of STH 42							10	5 SETS
SUB-TOTALS			293,760	69,160	295,935	19,200	80	
TOTALS				658,855		19,200	80	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH SOLID YELLOW LF	646.3020 EPOXY 8-INCH LF	646.5020 ARROWS EPOXY TYPE 2 EACH	646.5120 WORDS EPOXY (Only) EACH	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
STH 26		6.50						
From: STH 23	12.60							
To:CTH FF	19.20							
NORTH BOUND								
Center Line / Edge Line			70,000					Center Line / Edge Line
SOUTH BOUND								
Edge Line								Edge Line
CTH FF							25	Stop bar Junction CTH FF
Jct STH 23 / Rosendale				320	1	1	40	Lt Turn / Island Gore/stop bar
SUB-TOTALS			70,000	320	1	1	65	
TOTALS			70,000	320	1	1	65	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH SOLID YELLOW LF	646.3020 EPOXY 8-INCH LF	646.5020 ARROWS EPOXY TYPE 2 EACH	646.5120 WORDS EPOXY (Only) EACH	646.5420 AERIAL ENFORCEMENT BAR EPOXY 24-INCH EACH	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
STH 26		9.50							
From: Cattaraugus Rd	3.00								Cattaraugus Rd
To: STH 23	12.55								Jct STH 23/ Rosendale
NORTH BOUND									
Center Line/Edge Line			85,950						Center Line/Edge Line
Willow Creek Rd					4	3			Lt Turn Lane
Aerial Enforcement							10		(5 sets) Between Willow Creek and CTH TC
CTH TC								65	Jct CTH TC (apply stop bars at both junctions)
CTH T								60	Jct CTH T(apply stop bars at both junctions)
Taylor Park St				50	1				Lt Turn Lane
STH 23				320	1	1		40	Lt Turn Lane / Island Gore/Stop bar
SOUTH BOUND									
Edge Line									
Cattaraugus Rd								25	Lane Line / Rt & Lt Turns (apply stop bar)
SUB-TOTALS			85,950	370	6	4	10	190	
TOTALS			85,950	370	6	4	10	190	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH		646.5320	646.6120	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	RAILROAD CROSSING EPOXY EACH	STOP LINE EPOXY 18-INCH LF	
STH 29		8.00					
From: US 141	13.60						Jct US 141/Bellevue
To: Brown/Kewaunee ECL	21.40						Brown/Kewaunee County Line
EAST BOUND			39,000	21,500			Edge Line/Center Line
Jct US 141					1		Rail Crossing
WEST BOUND			39,000				Edge Line/Center Line
Jct US 141						35	stop bars
SUB-TOTALS			78,000	21,500	1	35	
TOTALS			99,500		1	35	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.5320	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	RAILROAD CROSSING EPOXY EPOXY	
STH 32		7.50					
From: Hilbert	50.95						Jct STH 114/Hilbert
To: Calumet/Brown Co Line	58.65						Calumet/Brown Co Line
NORTH BOUND							
Center Line/Edge Line			37,800		38,100		Center Line/Edge Line
Rail Road Crossing						1	Crossing on North Side Of Hilbert
SOUTH BOUND							
Edge Line			37,800				Edge Line
Rail Road Crossing						1	Crossing on North Side Of Hilbert
SUB-TOTALS			75,600	0	38,100	2	
TOTALS			113,700			2	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH		REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	
STH 32		6.50			
From: STH 160	90.40				Pulaski
To:Dudzik	96.95				Dudzik Rd
North Bound			30,500	14,300	Center Line/Edge Line
South Bound			30,250		Edge Line
SUB-TOTALS			60,750	14,300	
TOTALS			70,050		

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020	REMARKS
			EPOXY 4-INCH SOLID YELLOW LF	
STH 42		12.00		
From: STH 42/57	91.50			Mid Jct STH42/57 Sturgeon Bay
To: Egg Harbor	103.70			Egg Harbor/ Rainbow Ridge Ct
NORTH BOUND				
Center Line			57,300	Center Line
TOTAL			57,300	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH				646.3020	646.6120	646.5020	646.5120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	DASHED YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18-INCH LF	ARROWS EPOXY TYPE 2 EACH	WORDS EPOXY ONLY EACH	
STH 42		6.00									
From: CTH C/S	85.50										
To: Mid Jct STH 42/57	131.60										
North Bound											
CTH C/S to Mid Jct 42/57			29,850	2,400	13,525						Edgeline Left/Right and laneline
End Divided to Mid Jct 42/57					24,700	660					Centerline
Business District							425				Exit Gore
Lansing Ave							315				Turn Bay
Neenah Ave							210				Turn Bay
Shiloh Rd/Oxford Ave							100				Turn Bay
Median							100				Left Turn
CTH U							100				Left Turn
On Bay View Bridge								15			*2 Lane Bridge See SDD 15C 12-3
Utah St				65							Edge line extension
Utah St							350				Right Turn/Left Turn Bay
Michigan St/CTH TT				55							Edgeline extension
Michigan St/CTH TT							525				Right Turn/Left Turn Bay
CTH T							210				Right Turn
Business District				65							Bypass
CTH BB				75							Bypass
Mid Jct 42/57							260				Right Turn
South Bound											
Mid Jct 42/57 to CTH CS			29,250	2,400	13,885						Edgeline Left/Right and Laneline
CTH BB							200				Right Turn
Business District							200				Right Turn/ Gore
CTH T							175				Right Turn
CTH TT							500		2	1	Right Turn/Left Turn Bay
CTH TT				65							Edgeline extension
Utah St							350				Right Turn/Left Turn Bay
Utah St				65							Edgeline extension
On Bay View Bridge								15			*2 Lane Bridge See SDD 15C 12-3
CTH U							130				Left Turn
Oxford Ave/Shiloh Rd							300				Right Turn/Left Turn Bay
Neenah Ave							350				Right Turn/Left Turn Bay
Lansing Ave							200				Left Turn Bay
Entrance Gore							300				Entrance Gore from business Dist.
CTH C/S							265		2	1	Right Turn
CTH C/S							100				Left Turn
SUBTOTAL			59,100	5,190	52,110	660	5,665	30	4	2	
TOTAL					117,060		5,665	30	4	2	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH		646.0126	647.0566	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18-INCH L.F.	
STH 42		19.00					
From: Howards Grove	7.50						Jct STH 32/42
To: Manitowoc	26.10						Jct USH 151
NORTH BOUND			92,925	106,725			Center Line/Edge Line
S Cleveland Ave					100		Rt Turn
W Washington Rd					100		Rt Turn
S JCT CTH XX					100		Rt Turn
N JCT CTH XX					100		Rt Turn
CTH X					100		Rt Turn
Ucker Point Creek Rd					100		Rt Turn
CTH F					100		Rt Turn
Newton Rd					100		Rt Turn
Brunner Rd					100		Rt Turn
CTH C					200		Rt Turn
S Union Rd					100		Rt Turn
Carsten Lake Rd					100		Rt Turn
Carstens Rd					100		Rt Turn
English Lake Rd					100		Rt Turn
Newtonberg Rd					100		Rt Turn
Gass Lake Rd					100		Rt Turn
Jct USH 151						35	Jct USH 151 Manitowoc
SOUTH BOUND			92,300				Edge Line
Victoria Rd					100		Rt Turn
Newtonberg Rd					100		Rt Turn
Center Rd					100		Rt Turn
Newtonberg Rd					100		Rt Turn
Carsten Lake Rd					100		Rt Turn
S Union Rd					100		Rt Turn
CTH C					160		Rt Turn
Pine River Rd					100		Rt Turn
Newton Rd					100		Rt Turn
CTH F					100		Rt Turn
Ucker Point Creek Rd					100		Rt Turn
CTH X					100		Rt Turn
PioneerRd					100		Rt Turn
N Jct CTH XX					160		Rt Turn
S Jct CTH XX					100		Rt Turn
W Washington Rd					100		Rt Turn
S Cleveland Rd					100		Rt Turn
SUB-TOTALS			185,225	106,725	3,520	35	
TOTALS			291,950		3,520	35	

PAVEMENT MARKING

Location	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.3020	646.6120	646.5020	646.5120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18-INCH LF	EPOXY ARROWS (TYPE 2) EACH	EPOXY WORD (ONLY) EACH	
STH 47		11.80								
From: CTH JJ	8.20									
To: STH 54	20.00									
North Bound			56,650	350	59,000					Edge Lines/Lane Line
Painted Median CTH JJ					7,100					Painted Median North side of CTH JJ
CTH O						100				Rt Turn
CTH PP						200				Rt Turn
CTH S						360		2	2	Lt Turn/Arrows/Words
CTH S						150		2	1	Rt Turn/Arrows/Words
CTH S					1,600					Painted Median South Side of CTH S
Twelve Corners						150				Rt Turn
Both Jct of CTH A				100		465				Bypass Lane Dashes
Jct STH 54 Stop bars							100			All four Jct's of STH 54 Stop bars
South Bound										
Edge Line			56,650							Edge Line
South Jct of CTH A						135				Gore @ split STH 47 CTH A
South Jct of CTH A to North Jct A						565				8 inch Line Extension/8 inch gore @ split
North Jct fo CTH A										
12 Corners Rd						100				Rt Turn
CTH S						360		2	2	Lt Turn/Arrows/Words
CTH S						150		2	1	Rt/Arrows/Words
CTH S					1,600					Painted Median South Side of CTH S
CTH O						100				Lt Turn
Median Turn						120				Lt Median Turn
CTH JJ				500						Lt/Rt Turns/Lane Lines @ CTH JJ
SUB-TOTALS			113,300	950	69,300	2,955	100	8	6	
TOTALS				183,550		2,955	100	8	6	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020	REMARKS
			EPOXY 4-INCH SOLID YELLOW LF	
STH 32/57		5.00		
From: Brown South County Line	58.64			Brown/Calumet County Line
To: STH 96 Round-A-Bout	63.86			STH 96 Round-A-Bout Green Leaf
North Bound			17,625	
TOTAL			17,625	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020	646.6120	646.5020	646.5120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18-INCH LF	ARROWS EPOXY TYPE 2 EACH	WORDS EPOXY ONLY EACH	
STH 44		16.00								
From: Ripon	12.10									Ripon @ Douglas St
To: Oshkosh	28.45									North Ramps/IH 41
NORTH BOUND			145,000		83,500					Edge Line/Center Line
Passing Lane				1,250						Pushover dashes/Lane Line
Island Rd				65						Bypass Lane
Custer Rd						150				Rt Turn
Fletcher Rd						200				Rt Turn
Bonnieview Rd						160				Rt Turn
S.Jct CTH FF						200				Rt Turn
Crown Dr				65						Bypass Lane
Knott Rd				65						Bypass Lane
Ripon Place						200				Rt Turn
James Rd						200				Rt Turn
N. Jct Ripon Place						200				Rt Turn
Clairville Rd						200				Rt Turn
N Clay Rd						200				Rt Turn
STH 91						100		1		Lt Turn
Begin Divided										Lane Line/Center Turn Lane
Washburn						370	50			Lt/Rt Turns/Stop Bar
West Ramps USH 41							30			Stop Bar
East Ramps USH 41							45			Stop Bar
USH 41 South Bound						220				Rt Turn
USH 41 North Bound						580		3	3	Lt Turn/Turn Bay
SOUTH BOUND										Edge Line
East Ramps USH 41							30			Stop Bar
West Ramps USH 41							45			Stop Bar
USH 41 North Bound						265				Rt Turn
USH 41 South Bound						635		3	3	Lt Turn/ Turn Bay
Washburn						475	50			Lt/Rt Turns/Stop Bar
STH 91						110		1	1	Lt Turn
N Clay Rd				65						Bypass Lane
James Rd						200				Rt Turn
Knott						200				Rt Turn
Crown Dr						20				Rt Turn
CTH FF				65						Bypass Lane
CTH FF						200				Rt Turn
Bur Oak Rd						200				Rt Turn
Banville						200				Rt Turn
Bonnieview Rd						200				Rt Turn
CTH N				75						Bypass Lane
Hillside Rd						200				Rt Turn
Hillside Rd						200				Rt Turn
Mahlke Rd				65						Bypass Lane
Mahlke Rd				1,320						Lane Line
Fletcher Rd				75						Bypass Lane
Page Rd						200				Rt Turn
Locust St						200				Rt Turn
Business Park						635				Rt Turn gore
Oshkosh St						55				Left Turn
Oshkosh St						60				Gore @ island
Oshkosh St				40				2	2	Arrows/Only/Extension
SUB TOTALS			145,000	3,150	83,500	7,085	250	10	9	
TOTALS				231,650		7,085	250	10	9	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.3020	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	
STH 49		2.00					
From: Brandon	15.60						End Curb/Gutter
To: Jct STH 44	17.30						Jct STH 44/49
North Bound			9,600		8,700		Edge Line/Center Line
Brandon Rd						100	Rt Turn
Jct STH 44				65			Bypass Ln STH 44
South Bound			9,600				Edge Line
Brandon Rd						100	Rt Turn
SUB-TOTALS			19,200	65	8,700	200	
TOTALS				27,965		200	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.5320	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	RAILROAD CROSSING EPOXY EACH	
STH 49		7.50					
From: Waupun	7.15						CTH MMM
To: Brandon	14.60						South side of Brandon @ end curb gutter
NORTH BOUND			38,600		32,500		Edge Line/Center Line
CTH AW				65			Bypass Lane
Whooley Rd				15			Edge Line Extension
CTH E				65			Bypass Lane
Harmsen Rd				15			Edge Line Extension
Hemp Rd				15			Edge Line Extension
Amity Rd				15			Edge Line Extension
Liner Rd				15			Edge Line Extension
CTH TC				30			Edge Line Extension
North of Liner Rd						1	Between Liner Rd and CTH TC
SOUTH BOUND			38,175				Edge Line
Clark Rd				20			Edge Line Extension
CTH TC				65			Bypass Lane
North of Liner Rd						1	Between Liner Rd and CTH TC
Liner Rd				15			Edge Line Extension
Amity Rd				15			Edge Line Extension
CTH AS				15			Edge Line Extension
CTH E				30			Edge Line Extension
Walnut				75			Edge Line Extension
CTH AW				75			Edge Line Extension
Verhage				15			Edge Line Extension
SUBTOTAL			76,775	560	32,500	2	
TOTAL				109,835		2	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.3020	646.6120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18-INCH LF	
STH 54		9.50						
From: Jct STH 54/57	43.60							West Ramps Jct STH 54/57
To: Luxemburg	53.50							Pvmt Change 1,320 East of Rockledge Rd
EAST BOUND								
Center Line					48,365			Center Line
STH 57 North Bound						125		Left Turn to STH 57 North Bound
West ramps to Pvmt change			1,400	100				Turns/Lane Line/Edge Line To E. of Maloney
On Ramp from STH 57 North Bound						260		Entry Gore/Lane divide
Maloney Rd						370		Rt/Lt Turns Maloney Rd
CTH AB						100	30	Turn Lane/Stop Bar
Prairie La						100		Left Turn
WEST BOUND								
CTH AB						100	25	Turn Lane/Stop Bar
Maloney Rd						330		Rt/Lt Turns Maloney Rd
STH 54 W/STH 57 South			1,400			100		Turns/Edge Line W of Maloney to West Ramps
SUB-TOTAL			2,800	100	48,365	1,485	55	
TOTAL				49,865		1,485	55	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH		646.3020	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	EPOXY 8-INCH LF	
STH 54		8				
From: New London	0.00					Waupaca/Outagamie Co Line
To: Shiocton	8.10					Jct STH 76 North Bound Shiocton
East Bound			42,150			Centerline
County line to End Divided			2,500	700		Lane Line
USH 45 NB					100	Right Turn
West Bound			42,000			Edgeline
Begin Divided				625		Lane Line
CTH S					100	Left Turn
USH 45 North Bound					100	Left Turn
Frontage Rd					100	Left Turn
SUBTOTAL			86,650	1,325	400	
TOTAL				87,975	400	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH				646.3020	646.5020	646.5120	646.6120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	DASHED YELLOW LF	EPOXY 8-INCH LF	ARROWS EPOXY (TYPE 2) EACH	WORDS EPOXY (ONLY) EACH	STOP LINE EPOXY 18-INCH LF	
STH 54		7									
From: Seymour	21.83										West Jct STH 55
To: Oneida	28.60										CTH J
East Bound			30,250	250	16,300	6,050					Edgeline/Centerline/Lane Line
Orchard Dr							100				Right Turn
Jct STH 55							335				Gore STH 55 South Bound
Ranch Rd							100				Right Turn
Moore Rd							100				Right Turn
CTH Y				65							Bypass Lane
CTH H							100				Right Turn
Vanboxtel Rd/Cooper Rd							100				Right Turn
Red Willow				65							Bypass Lane
West Bound			33,250	250							Edgeline/Centerline/Lane Line
Red Willow							100				Right Turn
Olson Rd							100				Right Turn
Van Boxtel Rd							210				Right Turn
CTH H							100				Right Turn
CTH Y							100				Right Turn
STH 55				65							Bypass Lane
Van Den Heuvel Rd							100				Right Turn
Main Line Dr							320				Right Turn
Aurora Health Center							160				Right Turn
Jct STH 55							180	2	1	25	Right Turn/Arrows/Only/stop Bar
SUBTOTALS			63,500	695	16,300	6,050	2,205	2	1	25	
TOTALS					86,545		2,205	2	1	25	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH		646.3020	646.6120	REMARKS
			DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18-INCH LF	
STH 57		5					
From: Depere	24.75						Pvmt Change 750 I.f. N. of Randall Ave
To: Green Bay	28.00						Pvmt Change 270 I.f. S. of Grignon Ave
NORTH BOUND			4,250	31,000			Lane Line/Center Line
STH 172 EB					125		Rt Turn
STH 172 WB					150		Rt Turn
SOUTH BOUND			4,250				Lane Line
Derby Lane					200		Lt Turn
W St Joseph St					130		Lt Turn
CTH O					150		Lt Turn
Jct STH 172 WB					130	35	Lt Turn/Stop Bar
Jct STH 172 EB					175		Lt Turn
Reformatory Dr					100		Lt Turn
SUB-TOTAL			8,500	31,000	1,160	35	
TOTAL				39,500	1,160	35	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH SOLID YELLOW LF	646.6120 STOP LINE 18-INCH EPOXY LF	REMARKS
USH 141		5.50			
From: CTH X	48.75				CTH X/Middle inlet
To: STH 180	54.30				STH 180 Wausaukee
NORTH BOUND					
Center Line			39,365		center Line
Moonshine Hill Rd				25	East Jct of Moonshine Hill Rd/Edge Line Dash
Nejedlo Rd				25	Stop Bar/Edge Line Dash
STH 180					Rt Turn
SOUTH BOUND					
Edge Line					
Martin Rd				25	Stop Bar
Moonshine Hill Rd				25	West Jct of Moonshine Hill Rd
SUB-TOTALS			39,365	100	
TOTALS			39,365	100	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH SOLID YELLOW LF	REMARKS
STH 180		7.5		
From: CTH G	7.00			Jct CTH G
To: CTH X	14.50			Jct CTH X
North Bound				
Center Line			57,000	Center Line
TOTAL			57,000	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH SOLID WHITE LF	SOLID YELLOW LF	REMARKS
USH 41		9.50			
From: USH 141	98.65				Abrams
To: Frog Pond Rd	108.20				Oconto
NORTH BOUND					
Edge Lines			47,000	46,650	Edge Lines
SOUTH BOUND					
Edge Lines			47,000	46,650	Edge Lines
SUB-TOTALS			94,000	93,300	
TOTALS			187,300		

PAVEMENT MARKING

STH 96	LOG MILE	Mile	646.1020 EPOXY 4-INCH SOLID WHITE LF	646.1020 EPOXY 4-INCH DASHED WHITE LF	646.1020 EPOXY 4-INCH SOLID YELLOW LF	646.3020 8-INCH EPOXY LF	646.5020 ARROWS (TYPE 2) EPOXY EACH	646.5120 WORDS ONLY EPOXY EACH	646.6120 STOP LINE 18-INCH EPOXY LF	646.6220 YIELD LINE 18-INCH EPOXY EACH	REMARKS
From: CTH E	18.10	3.00									Appleton
To: Little Chute	20.75										Little Chute @ Adams St
East Bound			13,500	20	34,720						Edge Line/Dashed Edge line/Center Line
Bike Lane Marking											Words/Arrows/Symbols
Leona St						100					Lt Turn Lane
N French Point Rd						100					Lt Turn Lane
Washington St						100					Lt Turn Lane
Rt Edge Line						425					8 inch Pushover/Guard rail to Adam St
West Bound			13,520	20							Edge Line/Dashed Edge line
Bike Lane Marking											Words/Arrows/Symbols
Fox Point						100					Left Turn
French Rd						100					Left Turn
Potato Point Rd						100					Left Turn
Green Grove						100					Left Turn
Grandview						100					Left Turn
CTH E						175	2	2	25	9	Rt/Lt Turn/Special Marking
SUB-TOTALS			27,020	40	34,720	1,400	2	2	25	9	
TOTALS			61,780			1,400	2	2	25	9	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.3020 8-INCH EPOXY LF	646.5020 ARROWS (TYPE 2) EPOXY EACH	646.5120 WORDS (ONLY) EPOXY EACH	646.6120 STOP LINE 18-INCH EPOXY LF	646.5320 RAILROAD CROSSING EPOXY EACH	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF						
STH 96											
From:IH 41	13.60	2.50									East Ramps
To: North Badger Ave	15.00										West Side of North Badger Ave
East Bound				2,000							Lane Line
Wendys/Arbys						100	1	1			Rt Turn/Special Marking
North Westhill Blvd				35		320	2	2			Rt Turn/Lane Drop Dashes
North Blue mound Dr						320					Rt Turn/Lt Turn
Fleet Farm						100					Rt Turn
Fleet Farm						110					Rt Turn
TWTL					4,225						Two Way Turn Lane
Elberg Ave						100					Rt Turn
North Lyndale Dr						310			50		Rt Turn/ Add stop bar for cross walk
Wilharms Dr						100					Lt Turn
TWTL					2,245						Two Way Turn Lane
North Perkins St						260			35		Lt Turn/Retrace Stop Bar
North Badger Ave						320	2	2			Rt Turn/Special Marking
Rail Crossing										3	3 Lanes/3 Symbols/1 Each Lane
North Badger Ave									25		West Side of North Badger Ave
West Bound				2,000							Lane Line
Median						100					Left Turn
North Perkins St						260					Left Turn
Wilharms Dr						200					Rt Turn/Lt Turn
North Lyndale Dr/CTH A						560					Rt Turn/Lt Turn
North Blue mound Dr						260					Rt Turn/Lt Turn
North Westhill Blvd						370	3	3			Lt Turn
Wendys/Arbys						100					Lt Turn
Lt Turn Median						400					Median Lt Turn
Rt Turn						325	3	2			Rt Turn I 41 North Bound
SUB-TOTALS			0	4,035	6,470	4,615	11	10	110	3	
TOTALS				10,505		4,615	11	10	110	3	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH		646.3020 EPOXY 8-INCH LF	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF		
USH 141		1.00				
From: STH 180	54.30					Jct STH 180 Wausaukee
To: CTH C	55.45					CTH C Wausaukee
North Bound						
Center Line/Edge Line			5,335	10,550		Center Line/Edge Line
SOUTH BOUND						
Edge Line			5,400			Edge Line
CTH C					75	Rt Turn
1st St					160	Rt Turn
SUB-TOTALS			10,735	10,550	235	
TOTAL			21,285		235	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH SOLID WHITE LF	646.3020 EPOXY 8-INCH SOLID WHITE LF	DASHED WHITE LF	TYPE 1 EACH	646.5020 ARROWS EPOXY TYPE 3 EACH	TYPE 3R EACH	646.5120 WORDS EPOXY YIELD EACH	646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
IH 41 North Bound Exit 163 A	0.00	0.50									
CTH G Round a bout	0.50					2	3			45	East Side of IH 41 CTH G Round a bout North Bound EXIT 163 A
East Bound approach CTH G Round a bout						1		1			East Bound approach CTH G Round a bout
East Bound approach CTH G Round a bout									2		East Bound approach CTH G Round a bout
IH 41 North Bound Exit 163 A Bottom of Ramp									2		IH 41 North Bound Exit 163 A Bottom of Ramp
Dahe inside CTH G Round a bout					120						6 Foot Segment with 3 foot skip
East Bound approach CTH G Round a bout				120							Grooved contrast tape failure section on East Bound approach CTH G Round a bout
Edge Line from West Round a bout to East Round a bout			620								Edge Line from West Round a bout to East Round a bout
SUB TOTAL			620	120	120	3	3	1		45	
TOTAL			620	240			7		4	45	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH SOLID WHITE LF	646.3020 EPOXY 8-INCH DASHED WHITE LF	TYPE 1 EACH	TYPE 2 EACH	TYPE 3 EACH	TYPE 3R EACH	646.5120 WORDS EPOXY YIELD EACH	646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
IH 41 South Bound Exit 163 A											
CTH G Round a bout					3	2	3			125	West Side of IH 41 CTH G Round a bout South Bound EXIT 163 A
West Bound approach CTH G Round a bout							2	2	2		West Bound approach CTH G Round a bout
IH 41 South Bound Exit 163 A Bottom of Ramp									3		IH 41 South Bound Exit 163 A Bottom of Ramp
Dahe inside CTH G Round a bout				25							1 Foot Segment with 3 foot skip
Dahe inside CTH G Round a bout				400							6 Foot Segment with 3 foot skip
Edge Line from East Round a bout to West Round a bout			620								Edge Line from East Round a bout to West Round a bout
SUB TOTAL				425	3	2	5	2			
TOTAL			620	425		12			5	125	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH SOLID WHITE LF	SOLID YELLOW LF	646.3020 EPOXY 8-INCH LF	REMARKS
STH 147		13.00				
From: CTH VV	2.00					Jct CTH VV Two Rivers
To: West Ramps IH 43	15.00					West Ramps IH 43
North Bound			59,200	77,000		Edge Lines/Center Line
Jct IH 43					100	IH 43 South Bound Left Turn Bay
South Bound			59,450			Edge Line
Begin Divided						Upgrade Median Island Marking
Jct IH 43					100	IH 43 North Bound Left Turn Bay
SUB-TOTALS			118,650	77,000	200	
TOTALS			195,650		200	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH SOLID WHITE LF	646.1020 EPOXY 4-INCH DASHED WHITE LF	646.1020 EPOXY 4-INCH SOLID YELLOW LF	646.3020 8-INCH EPOXY LF	646.5020 ARROWS (TYPE 2) EPOXY EACH	646.5120 WORDS (ONLY) EPOXY EACH	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
STH 96										
From:STH 76	10.00	3.50								Jct STH 76
To: IH 41 East Ramps	13.60									IH 41 East Ramps
East Bound			17,000		13,600					Lane Line/Center Line
Glenview Dr				65						Bypass Lane
Pebble Ridge Rd				100						Bypass Lane
Craftsman/Edeavour Dr						320				Rt/Lt Turn
Begin Divided				3,420						Begin Divided to East Ramps I 41
Towerview Dr						220				Lt Turn
CTH CB						975				Lt Turn Gore/Rt Turn
Communication Dr						100				Rt Turn
North Mayflower Dr						1,075				Lt Turn Gore/Rt Turn
North Mc Carthy Rd						1,000				Lt Turn Gore/Rt Turn
North Casaloma						485				Lt Turn Gore/Rt Turn
CTH GV						200			50	Lt/Rt Turn/Stop Bar
Jct I 41						545				Lt/Rt Turn/I 41 SB Ramp Island Gore
I 41 North Bound						260	2	2		Lt Turn I 41 NB/Special Marking
West Bound			17,300	3,420						Lane Line/Edge Line
I 41 South Bound						260	2	2		Lt Turn I 41 South Bound/Special Marking
Frontage Rd						60				Rt Turn To Frontage Rd
CTH GV						805				Rt Turn/Island Gore/Lt Island Gore
North Casaloma						365			25	Lt Turn Island Gore/Stop Bar/Rt Turn
North Mc Carthy Rd						1,030				Lt Turn Gore/Rt Turn
Flight Line Drive						100				Median Lt Turn
North Mayflower Dr						1,000				Lt Turn Gore/Rt Turn
Communication Dr						100				Lt Turn
CTH CB						1,045				Lt Turn Gore/Rt Turn
Towerview Dr						200				Rt Turn Lane
Craftsman/Edeavour Dr						435				Lt/Rt Turn
Pebble Ridge Rd						200				Rt Turn
Glenview Dr						100				Rt Turn
Chaska Golf Course				50						Bypass Lane
Jct STH 76						825	4	2	50	Lt Turn Gore/Special Marking/Stop Bar
SUB-TOTALS			34,300	7,055	13,600	11,705	8	6	125	
TOTALS				54,955		11,705	8	6	125	

PAVEMENT MARKING

Location	LOG MILE	MILE	646.1020 EPOXY 4-INCH		646.3020 8-INCH EPOXY LF	646.5020 ARROWS (TYPE 2) EPOXY EACH	646.5120 WORDS (ONLY) EPOXY EACH	646.5320 RAILROAD CROSSING EPOXY EACH	REMARKS
			SOLID WHITE LF	DASHED WHITE LF					
STH 96		10.00							
From: USH 45	0.00								
To: STH 76	10.00								
EAST BOUND			44,350						Edge Line
Rail Road								1	Dale Rail Crossing
Industrial Drive					100				Rt Turn
Midway Rd				90					Bypass Lane
Greendale Ave					100				Rt Turn
Wisconsin Ave					100				Rt Turn
Manley Rd				100					Bypass Lane
Island Rd					100				Rt Turn
North Rd					100				Rt Turn
Fox Springs				90					Bypass Lane
Julius Dr					100				Rt Turn
STH 76					360	2	1		special marking/painted island median
WEST BOUND			44,000						
Wisconsin Ave					100				Rt Turn
Julius Dr					235				Rt Turn
Fox Springs					100				Rt Turn
Lakeview Lane					160				Rt Turn
Sprng Valley Dr				50					Edge Line Extension
North Rd					100				Rt Turn
Manley Rd					100				Rt Turn
Midway Rd					100				Rt Turn
Rail Road								1	Dale Rail Crossing
SUB-TOTALS			88,350	330	1,855	2	1	2	
TOTALS			88,680		1,855	2	1	2	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH SOLID YELLOW LF	REMARKS
USH 141		4.00		
From: CTH W	44.50			Crivitz
To: CTH X	48.75			Middle Inlet
NORTH BOUND				
Center Line			28,220	Center Line only
TOTALS			28,220	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH SOLID YELLOW LF	646.5320 RAILROAD CROSSING EPOXY EACH	REMARKS
STH 180		7.00			
From: STH 64	0.00				Marinette
To: CTH G	7.00				CTH G
North Bound					
Center Line			38,750		Center Line W/Rumble
Railroad Crossing				1	Railroad Crossing
SOUTH BOUND					
Railroad Crossing				1	Railroad Crossing
SUB-TOTALS			38,750	2	
TOTALS			38,750	2	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.3020 EPOXY 8-INCH LF	646.5320 RAILROAD CROSSING EPOXY EACH	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF			
STH 310		7.00						
From: IH 43 West Ramps	0.25							Jct IH 43 West Ramps
To: Two Rivers	7.45							Columbus St
EAST BOUND								
Edge Line/Center Line/Lane Line			36,500	500	28,100			Edge Line/Center Line/Lane Line
Left Edge Lines					4,800			Round-About/Divided Section
IH 43 North Bound						100		Right Turn
Wagon Wheel Rd						100		Right Turn
Rail Crossing							1	Rail Road Crossing
WEST BOUND								
Edge Line			36,500					Edge Line
Left Edge Lines					4,225			Round-About/Divided Section
Browns Rd				65				Bypass Lane
Rail Crossing							1	Rail Road Crossing
Woodland Dr						200		Right Turn
Wagon Wheel Rd						100		Right Turn
Begin Divided Section				600				Lane Line/Divided Section
IH 43 North Bound						100		Right Turn
IH 43 South Bound						100		Left Turn
SUB-TOTALS			73,000	1,165	37,125	700	2	
TOTAL			111,290			700	2	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.3020 EPOXY 8-INCH LF	646.5320 RAILROAD CROSSING EPOXY EPOXY	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF			
USH 141		8.00						
From: Beaver	36.75							End divided South of CTH P/Beaver
To: CTH W	44.75							CTH W/Crivitz
NORTH BOUND								
Center Line/Edge Line			34,000		56,150			Center Line/Edge Line
CTH P						370		Rt Turn
18th Rd						300		Rt Turn
Airport Rd						250		Rt Turn
Lane Line				1,675				Lane Line (Crivitz)
Railroad Crossing							2	Two Lanes/One symbol each lane (Crivitz)
SOUTH BOUND								
Edge Line			34,000					Edge Line
Lane Line				1,750				Lane Line (Crivitz)
Railroad Crossing							2	Two Lanes/One symbol each lane (Crivitz)
Airport Rd						250		Rt Turn
Passing Lane Line				1,820				Lane Line
22nd						250		Rt Turn
CTH P								Rt Turn
SUB-TOTALS			68,000	5,245	56,150	1,420	4	
TOTALS			129,395			1,420	4	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.3020 EPOXY 8-INCH LF	646.5020 ARROWS EPOXY (TYPE 2) EACH	646.6120 STOP LINE EPOXY 18-INCH LF	646.5320 RAILROAD CROSSING EPOXY EACH	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF					
USH 141		4.50								
From: IH 43 South Ramps	0.00									South Ramps IH 43
To: Guns Rd	4.55									Stop light @ Guns Rd
North Bound			18,000		17,000					Edge Lines/Center Line
IH 43 South Bound On Ramp						100				Left Turn IH 43 South Bound
Jct CTH R						165		50		Island Gore/Right Turn/Stop Bars
Jct STH 29						200		45		Right Turn/Stop Bars on STH 29
Glenmore Rd						100				Right Turn
Santa Monica				75						Bypass Lane
Klondike Rd						100				Right Turn
Continental Drive						235	1			Lt/Rt Turns/ArrowIsland Gore
Begin Divided				1,770						Lane Line
Median						100				Median Lt Turn
Fleet Farm						100				Median Lt Turn
Fleet Farm						100				Median Lt Turn
RAB										JJ/VERLIN
Median edge line					850					Between Pecan St / CTH JJ
Median						50				Median Lt Turn
Between Pecan St / CTH JJ									2	One symbol each lane/Between Pecan St / CTH JJ
Pecan St						150				Lt Turn
Guns Rd						150				Lt Turn
South Bound			18,000	1,770						Edge Line
Pecan St						100				Lt Turn
Median						100				Lt Turn
Median edge line					850					Between Pecan St / CTH JJ
Between Pecan St / CTH JJ									2	One symbol each lane/Between Pecan St / CTH JJ
RAB										JJ/VERLIN
Fleet Farm						235				Rt Turn
Fleet Farm						200				Rt Turn
Business						165				Rt Turn
Continental Drive						320	3			Left/Right Turns/Arrows
Bel Meadow Dr						100				Right Turn
Santa Monica						220				Right Turn
Apple Ridge						100				Right Turn
Glenmore Rd						100				Right Turn
STH 29 North Jct				150						Bypass
IH 43/CTH MM						150				Right Turn
IH 43 North Bound						230				Right Turn IH 43 North Bound
IH 43 South Bound						100				Left Turn IH 43 South Bound
SUB-TOTALS			36,000	3,765	18,700	3,670	4	95	2	
TOTALS				58,465		3,670	4	95	2	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.3020	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	
USH 10		2.00					
From: IH 43 West Ramps	58.40						
To: CTH R	59.95						
East Bound			8,000	2,050	8,000		Edge Lines/Lane Line
IH 43						100	Lt Turn IH 43 NB
Schisel Ln						100	Lt Turn Schisel Ln
CTH R						100	Lt Turn CTH R
West Bound			8,000	2,050	8,000		Edge Lines/Lane Line
Schisel Ln						100	Lt Turn Schisel Ln
IH 43 North Bound						100	Rt Turn IH 43 NB
IH 43 South Bound						100	Lt Turn IH 43 SB
SUB-TOTALS			16,000	4,100	16,000	600	
TOTAL			36,100			600	

PAVEMENT MARKING

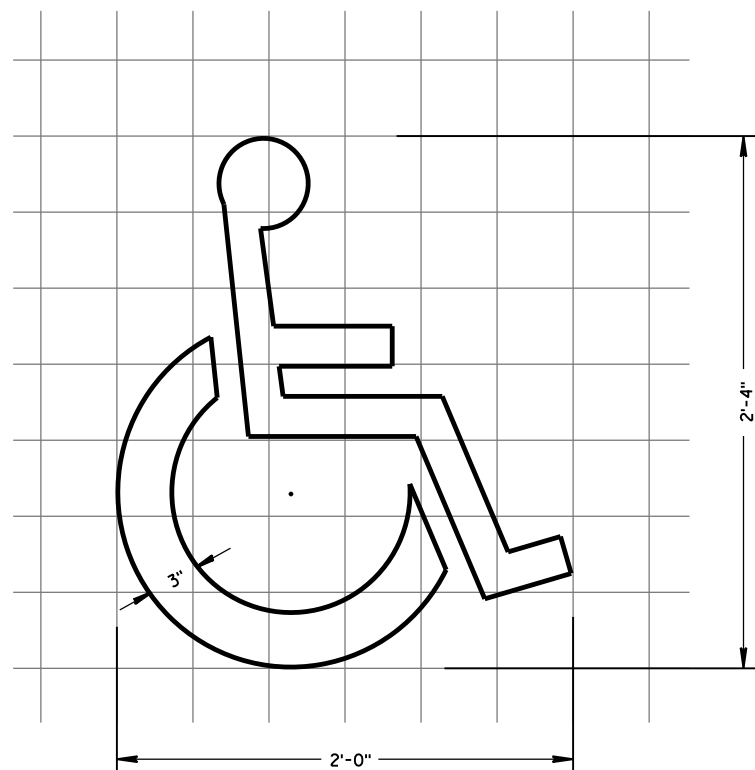
USH 10	LOG MILE	Mile	646.1020 EPOXY 4-INCH		646.3020	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	
From: CTH W	45.80	1.00				Pavement Change 530 L.F. West of CTH W
To: Pleasant View	46.90					Pleasant View
East Bound			5,230	7,500		Edge Line/Center Line
CTH W					170	Rt Turn Lane
West Bound			5,650			Edge Line
CTH W					170	Rt Turn Lane
SUB-TOTALS			10,880	7,500	340	
TOTALS			18,380		340	

PAVEMENT MARKING

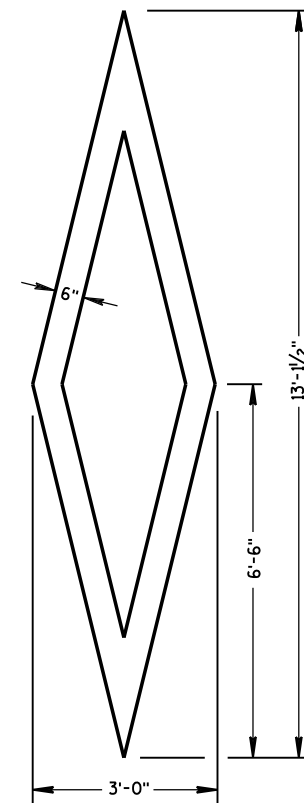
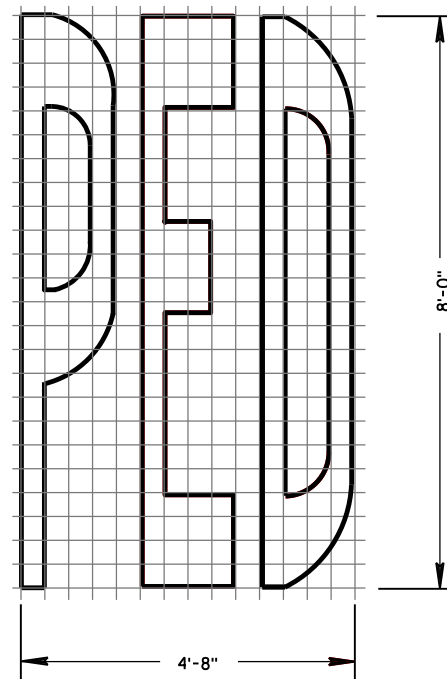
STH 44/49	LOG MILE	Mile	646.1020 EPOXY 4-INCH		646.3020	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	
From: Jct STH 44	3.70	6.50				Jct STH 44/STH 49
To: Ripon	10.15					Ringstad Dr
North Bound			33,475	23,285		Edge Line/Center Line
Reeds Corners Rd					100	Rt Turn Lane
South Bound			33,325			Edge Line
Reeds Corners Rd					100	Rt Turn Lane
Jct STH 44/STH 49					250	Island Gore
SUB-TOTALS			66,800	23,285	450	
TOTALS			90,085		450	

Standard Detail Drawing List

15C07-14A	PAVEMENT MARKING SYMBOLS
15C07-14B	PAVEMENT MARKING WORDS
15C07-14C	PAVEMENT MARKING ARROWS
15C08-19A	LONGITUDINAL MARKING (MAINLINE)
15C08-19B	PAVEMENT MARKING (TURN LANES)
15C08-19C	PAVEMENT MARKING (TURN LANES)
15C09-11A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C14-03	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
15C18-04	MEDIAN ISLAND MARKING
15C19-05A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-05B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C19-05C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C20-02	YIELD MARKING
15C21-08	SIGNING AND MARKING FOR TWO LANE TO FOUR LANE DIVIDED TRANSITIONS
15C27-03B	PAVEMENT MARKING (ISLANDS)
15C31-03A	PAVEMENT MARKING (RAMPS AND GORES)
15C31-03B	PAVEMENT MARKING MAJOR SPLIT FREEWAY TO FREEWAY
15C31-03C	PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP
15C33-03	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-03A	PAVEMENT MARKING (INTERSECTIONS)
15C35-03B	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)
15C35-03C	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)



HANDICAP SYMBOL

PREFERENTIAL
LANE SYMBOL**GENERAL NOTES**

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

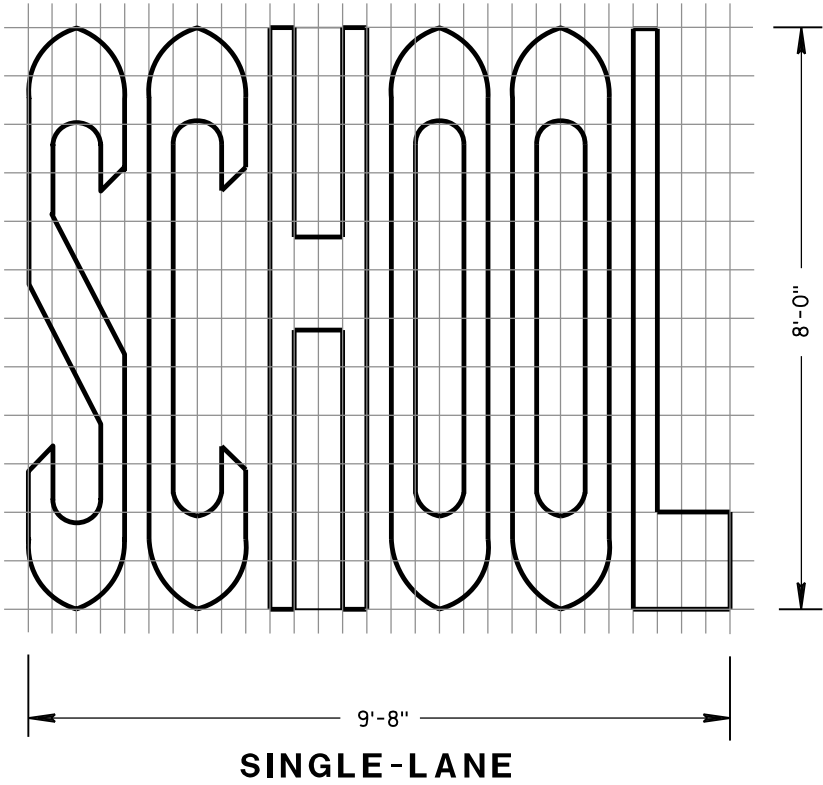
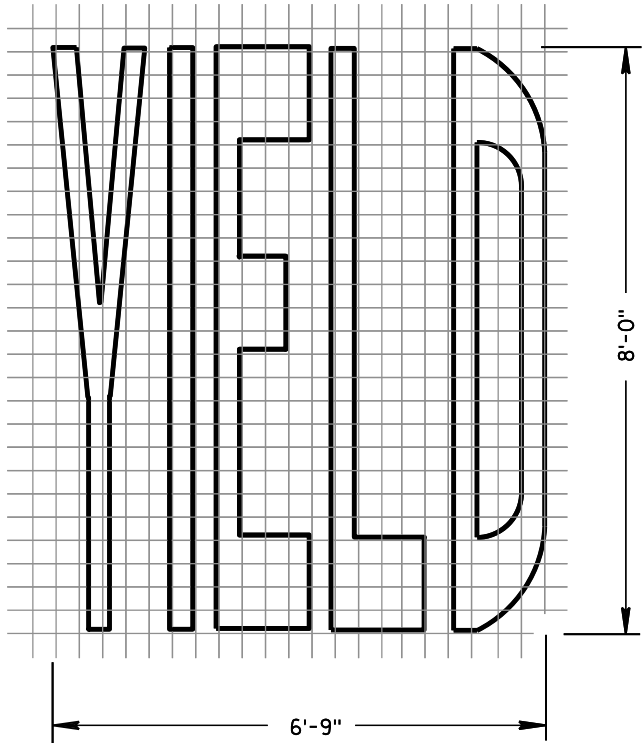
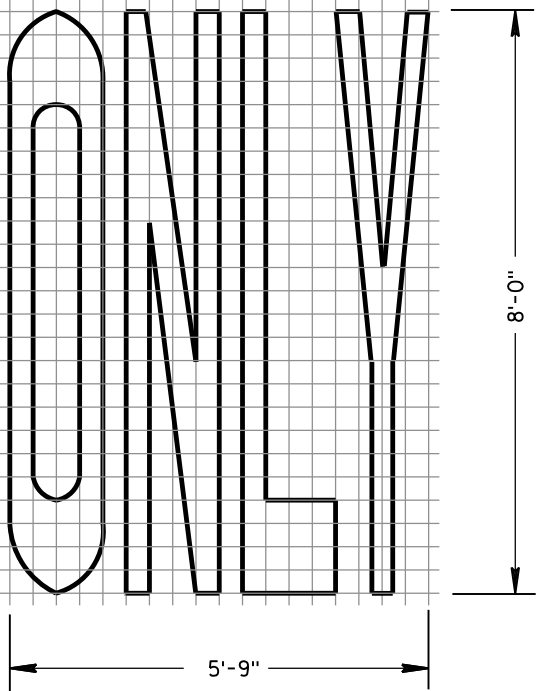
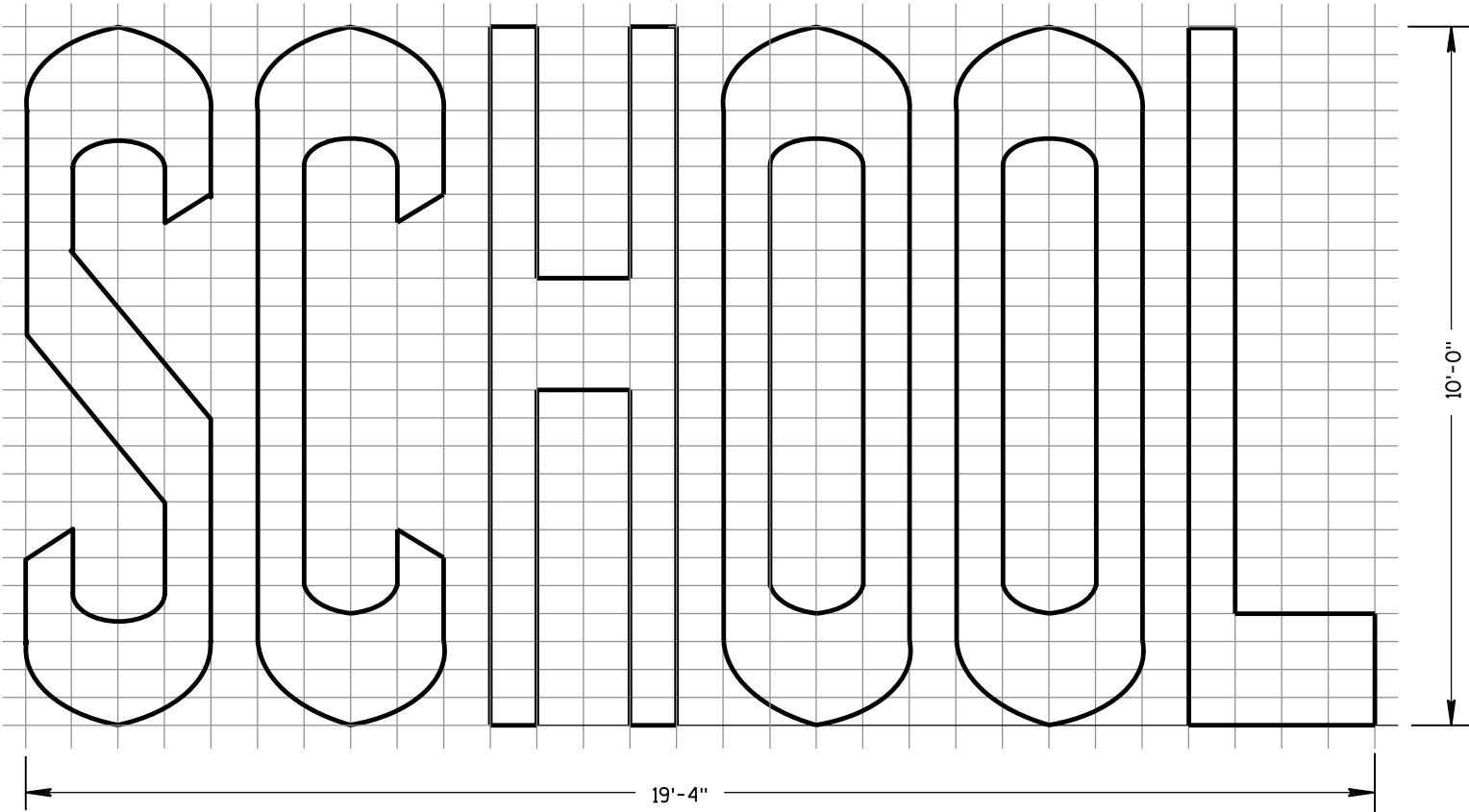
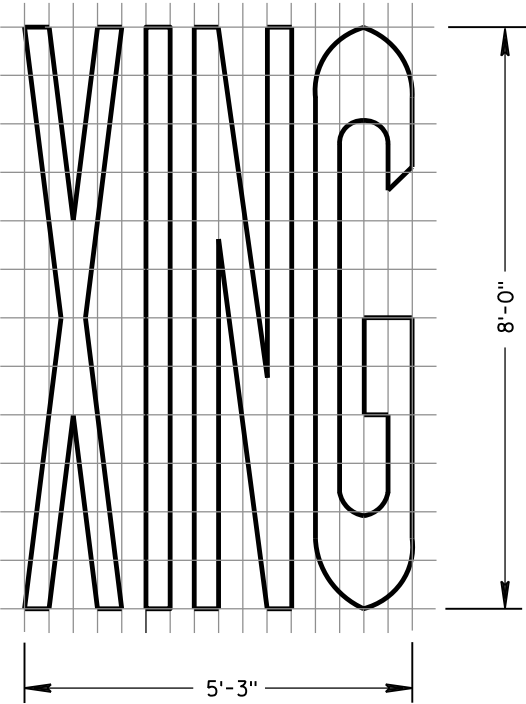
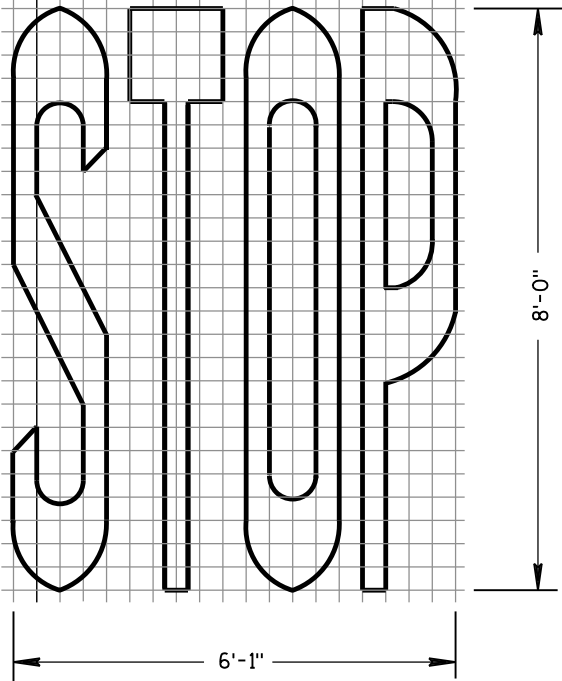
APPROVED

June 2017
DATE/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

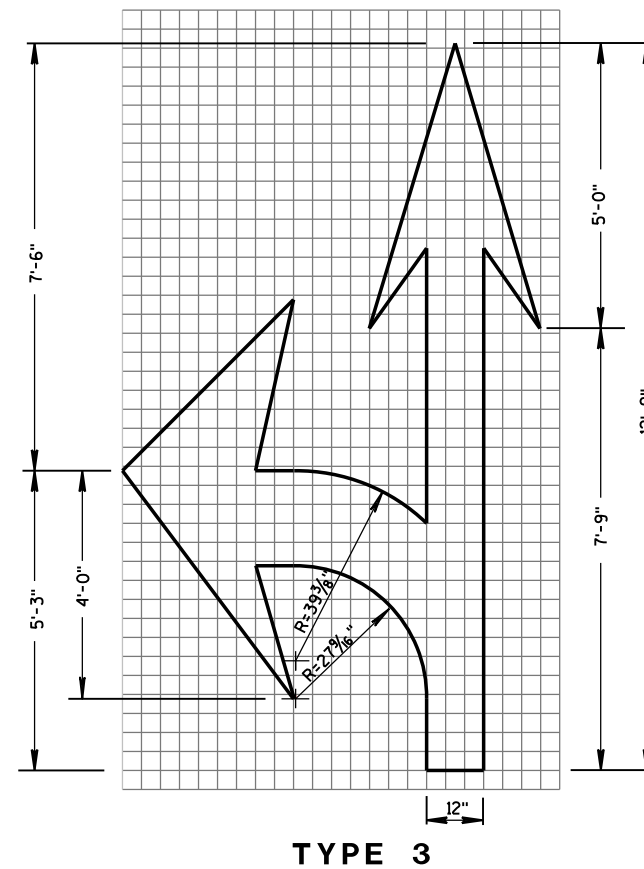
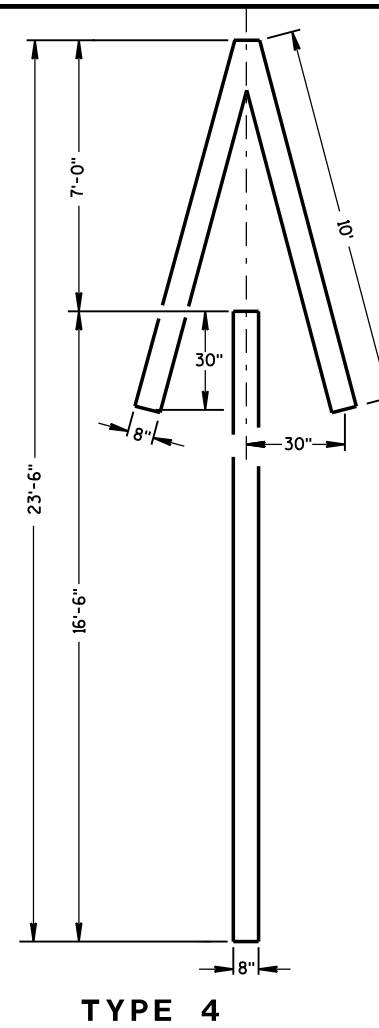
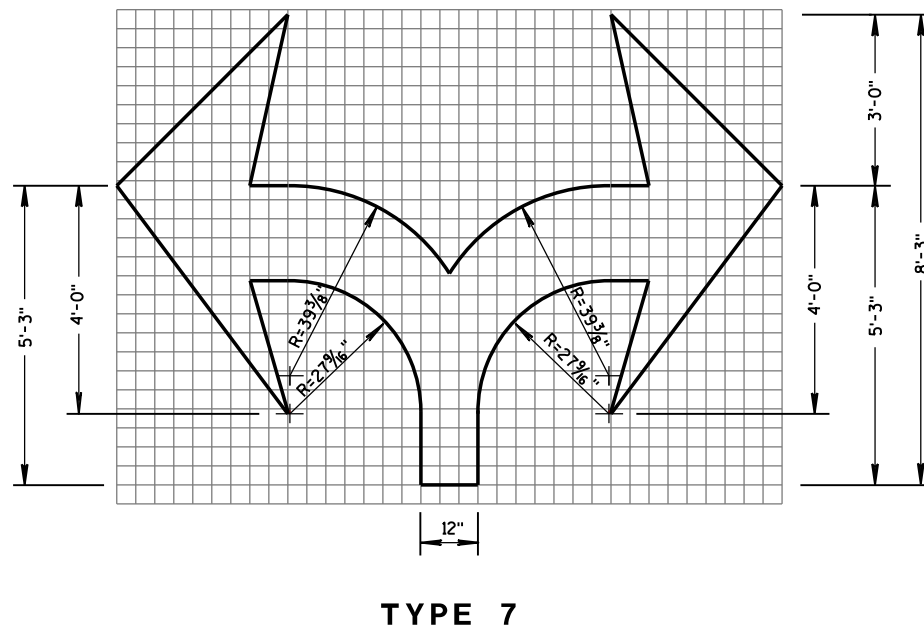
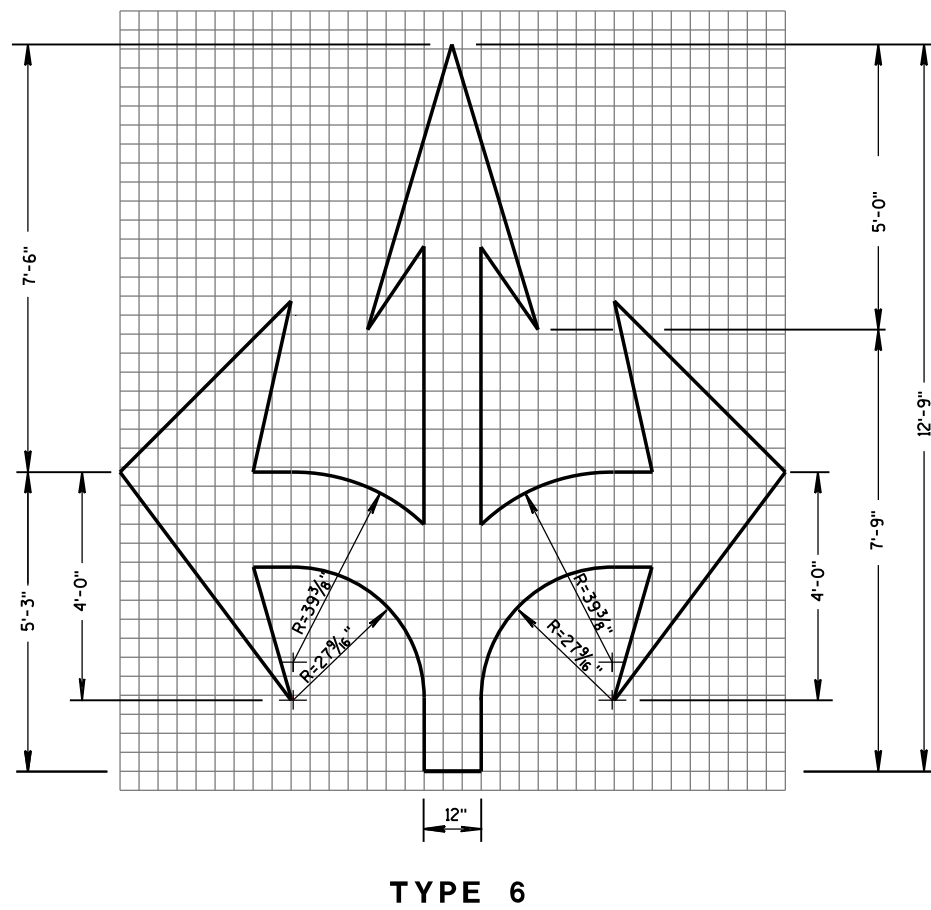
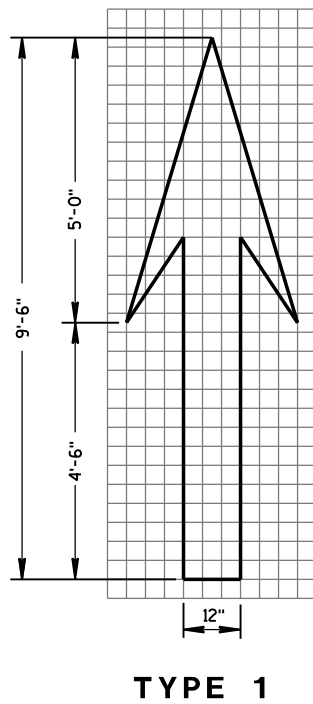
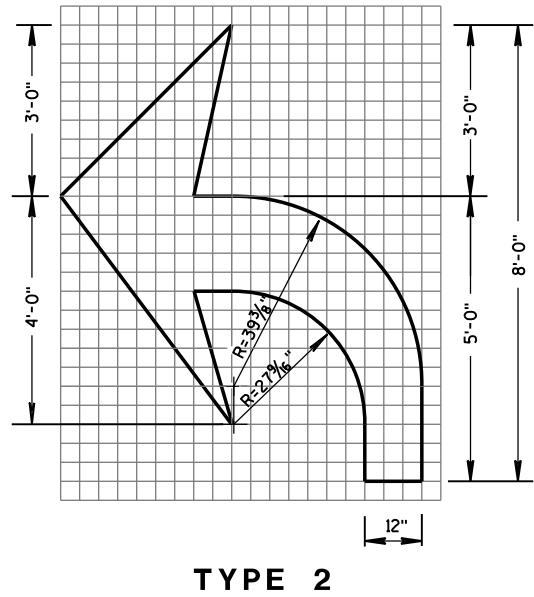
FHWA

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

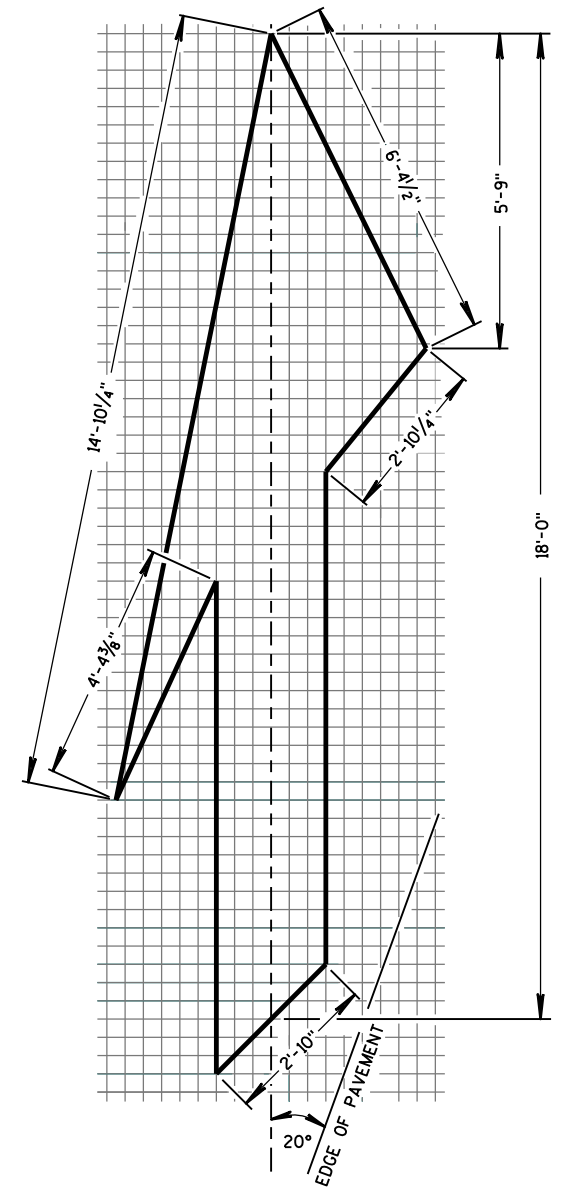


PAVEMENT MARKING WORDS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June 2017 DATE	/S/ Matthew R. Rauch STATE SIGNING AND MARKING ENGINEER
FHWA	



GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



PAVEMENT MARKING ARROWS

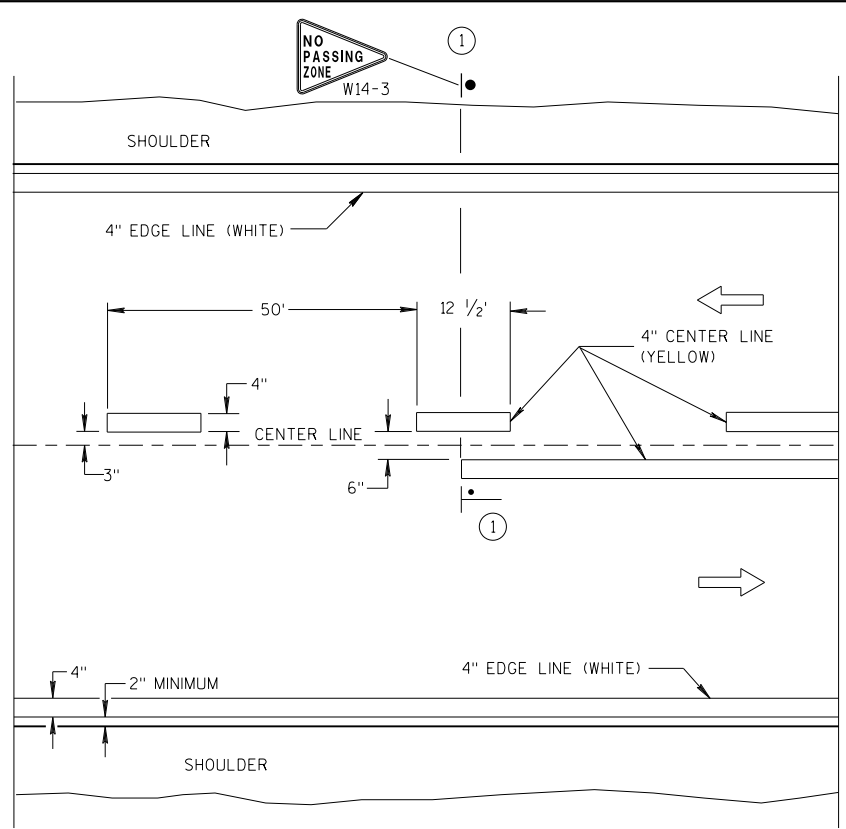
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

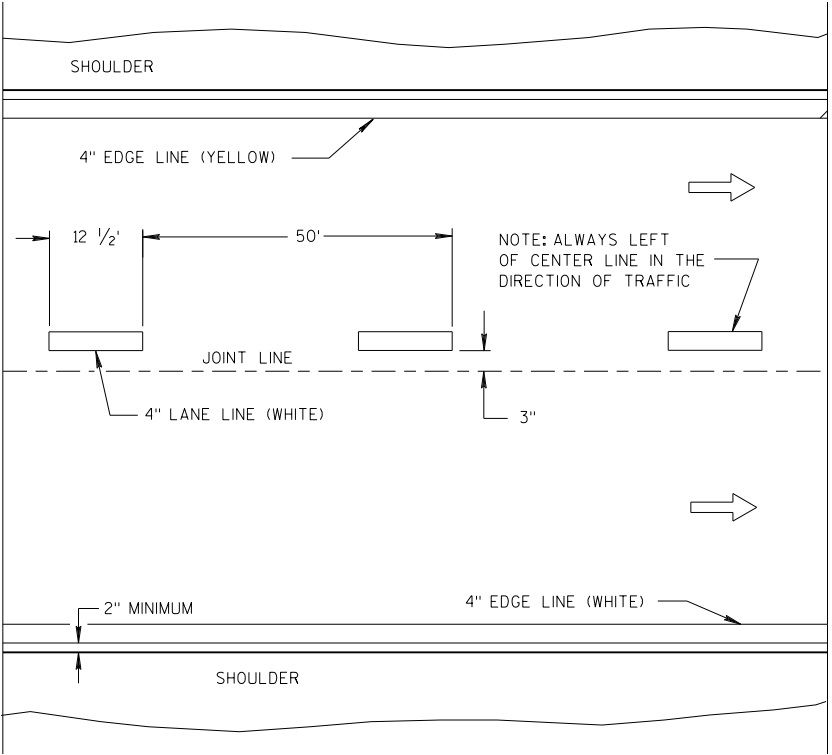
June 2017
DATE

FHWA

/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

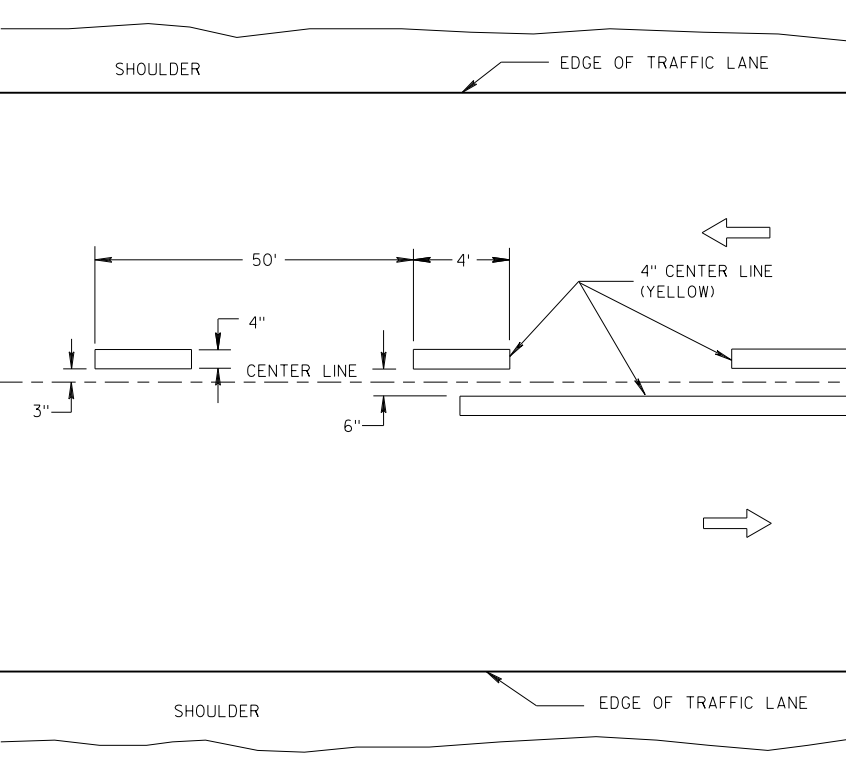


TWO WAY TRAFFIC

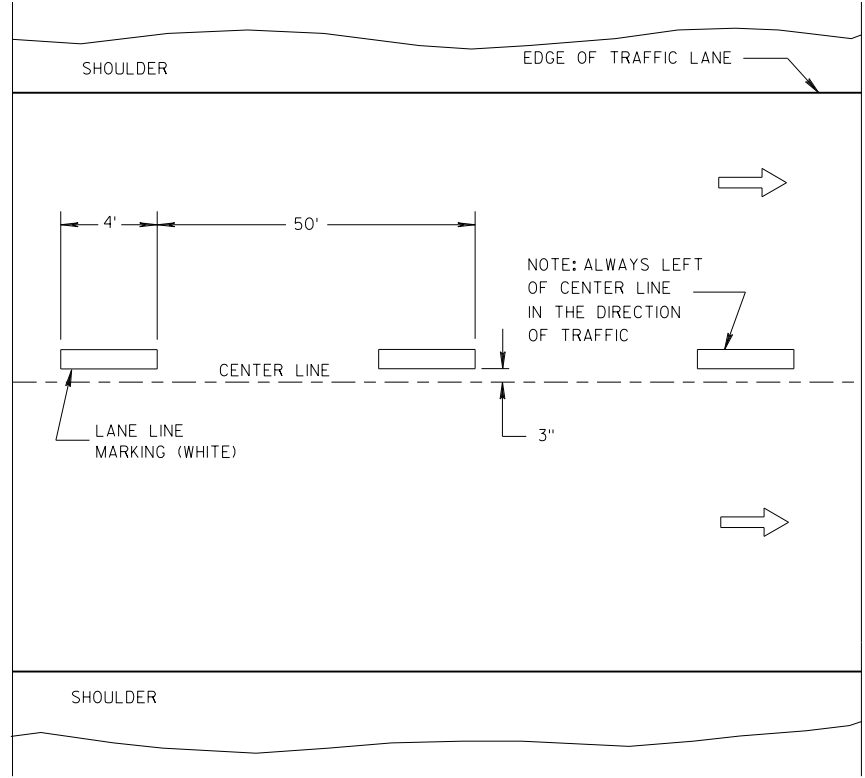


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

① LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING.

NOTE

ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL

LEGEND

- "T" MARKING
- POST MOUNTED SIGN

LONGITUDINAL MARKING (MAINLINE)

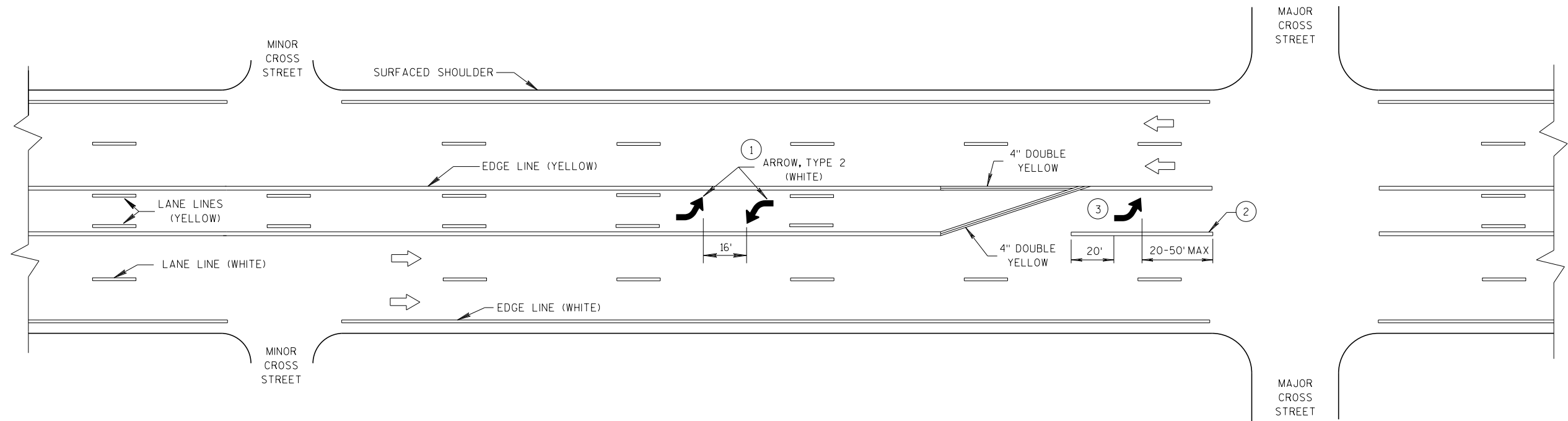
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA

GENERAL NOTES

- 1 A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
- 2 8" WHITE
- 3 TURN BAY LENGTH OF LESS THAN 48'DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT

DIRECTION OF TRAFFIC



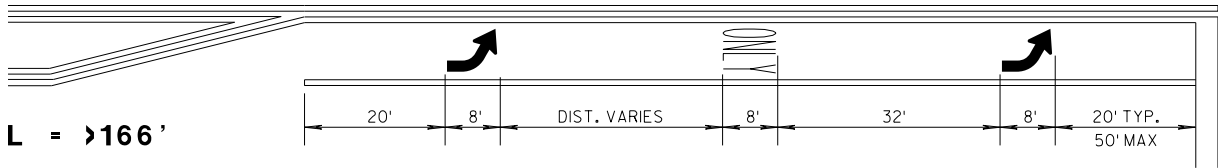
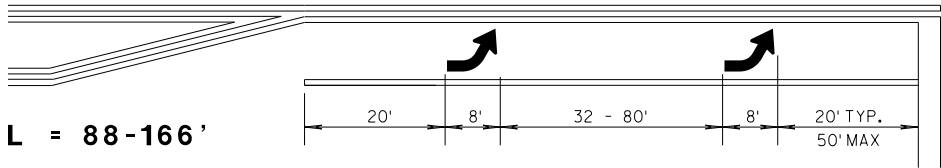
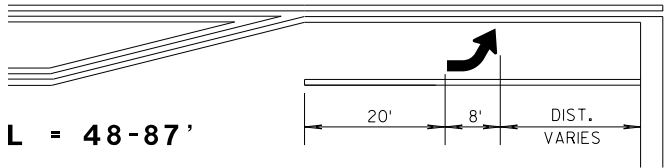
TWO WAY LEFT TURN LANE

PAVEMENT MARKING
(TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

TURN LANE OPTIONS

LENGTH OF TURN BAY (L) OF 0-47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



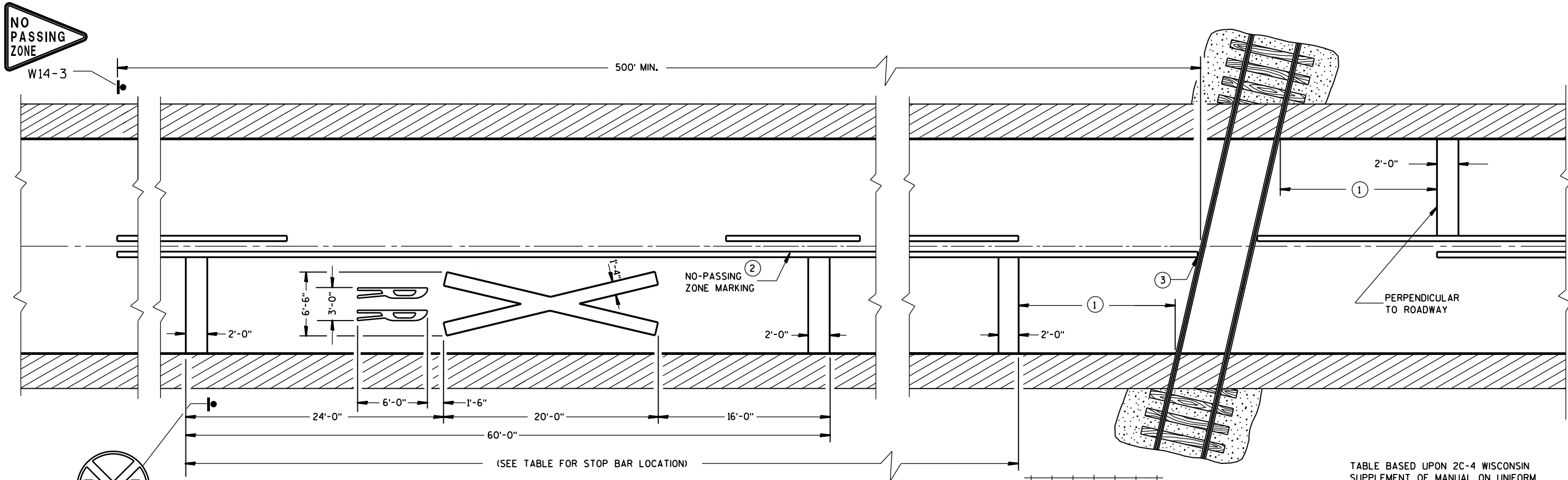
*(SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

GENERAL NOTES

- ① 8" WHITE
- ② QUANTITY AND LOCATION OF TYPE 3 ARROW ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION, THE ARROWS AND ONLY MARKING ARE ELIMINATED.

→ DIRECTION OF TRAFFIC
L = LENGTH OF TURN BAY

PAVEMENT MARKING (TURN LANES)
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

RETRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

- ① MINIMUM 8' FROM ANY RAILROAD WARNING DEVICES (SIGNALS, GATES, ETC.) OR 25' FROM THE NEAREST RAIL, WHICHEVER DISTANCE IS GREATER.
- ② 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.
- ③ FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

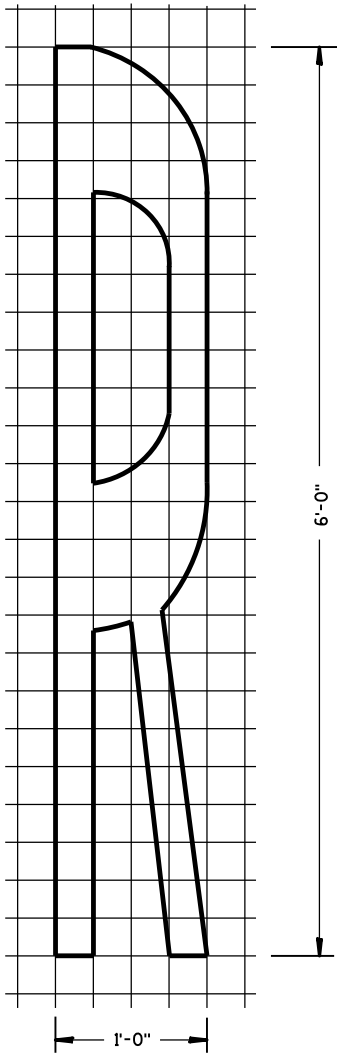


TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

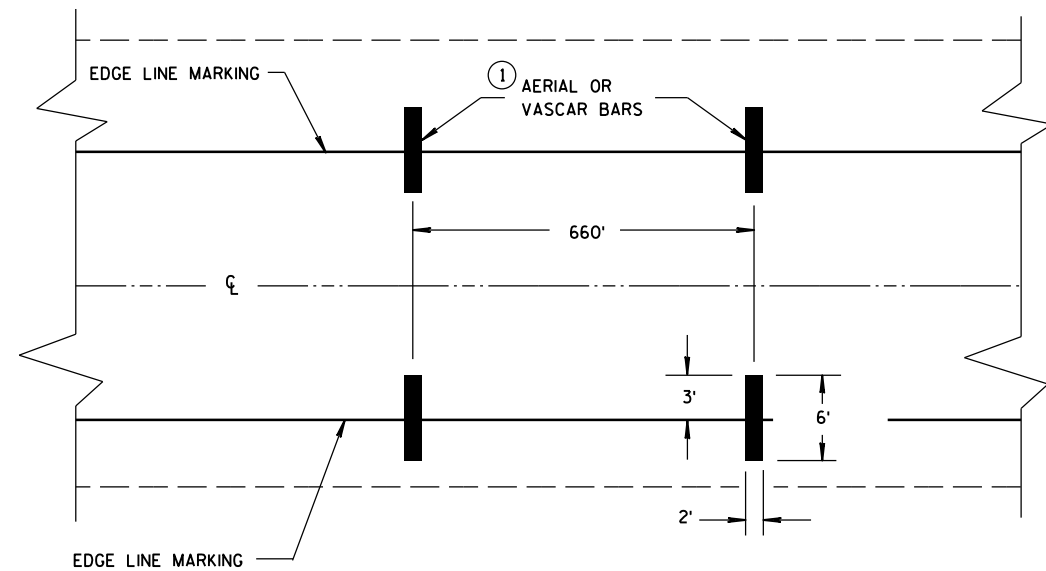
Posted Speed (M.P.H.)	Dimension Range (Feet)
25	150*- 250
30	200*- 300
35	250*- 450
40	300*- 500
45	400*- 650
50	550*- 800
55	750*- 1000
60	1000*- 1250
65	1000*- 1250

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSE PROXIMITY OF DRIVEWAYS, BRIDGES, SIDEROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.

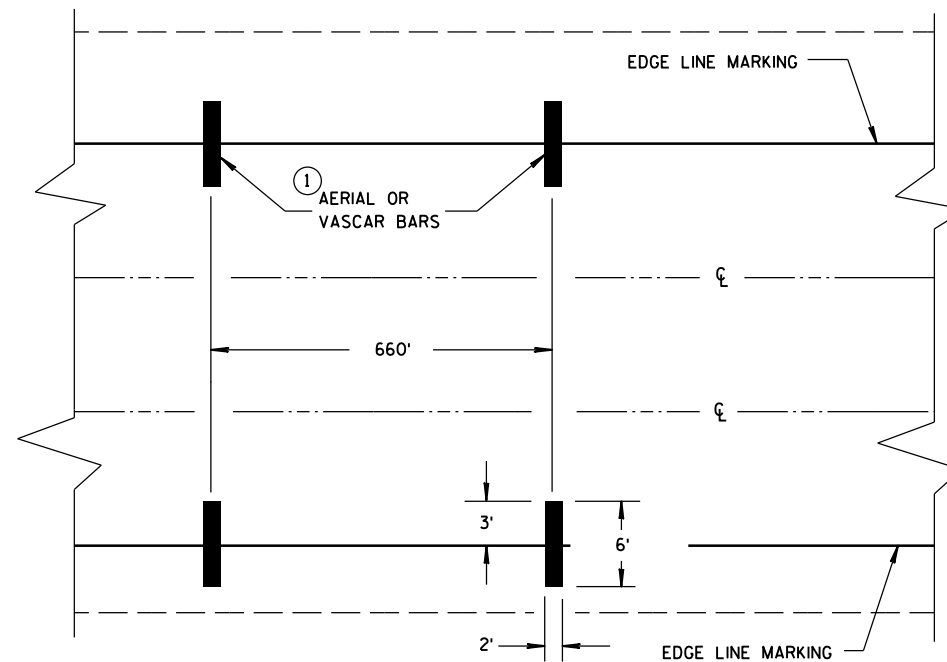
SIGNING AND PAVEMENT MARKING
DETAILS FOR RAILROAD-HIGHWAY
GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC



TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

GENERAL NOTES

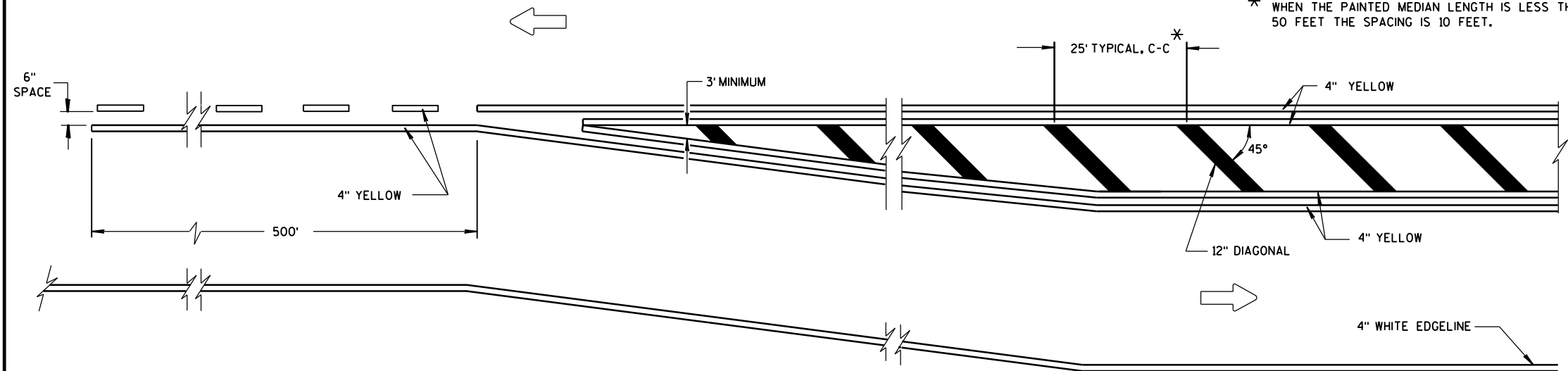
① PLACE TWO TO FIVE AERIAL OR VASCAR BARS AT 660 FOOT SPACING.

A CAR CAN BE PROVIDED BY THE WISCONSIN STATE PATROL FOR TRAFFIC CONTROL.

AERIAL ENFORCEMENT BARS
PAVEMENT MARKING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA

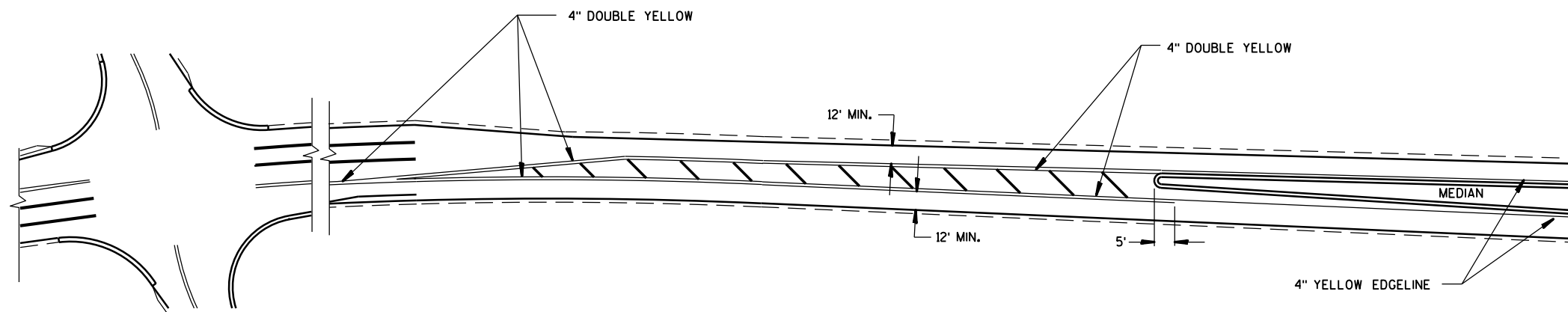


MEDIAN ISLAND DETAIL

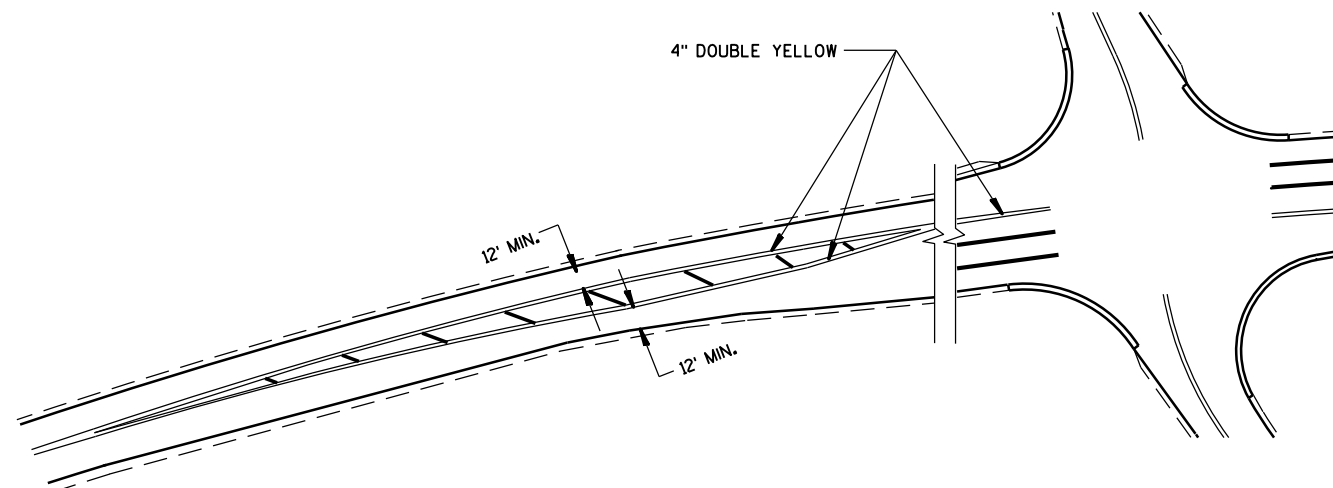
GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.

➡ DIRECTION OF TRAVEL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES

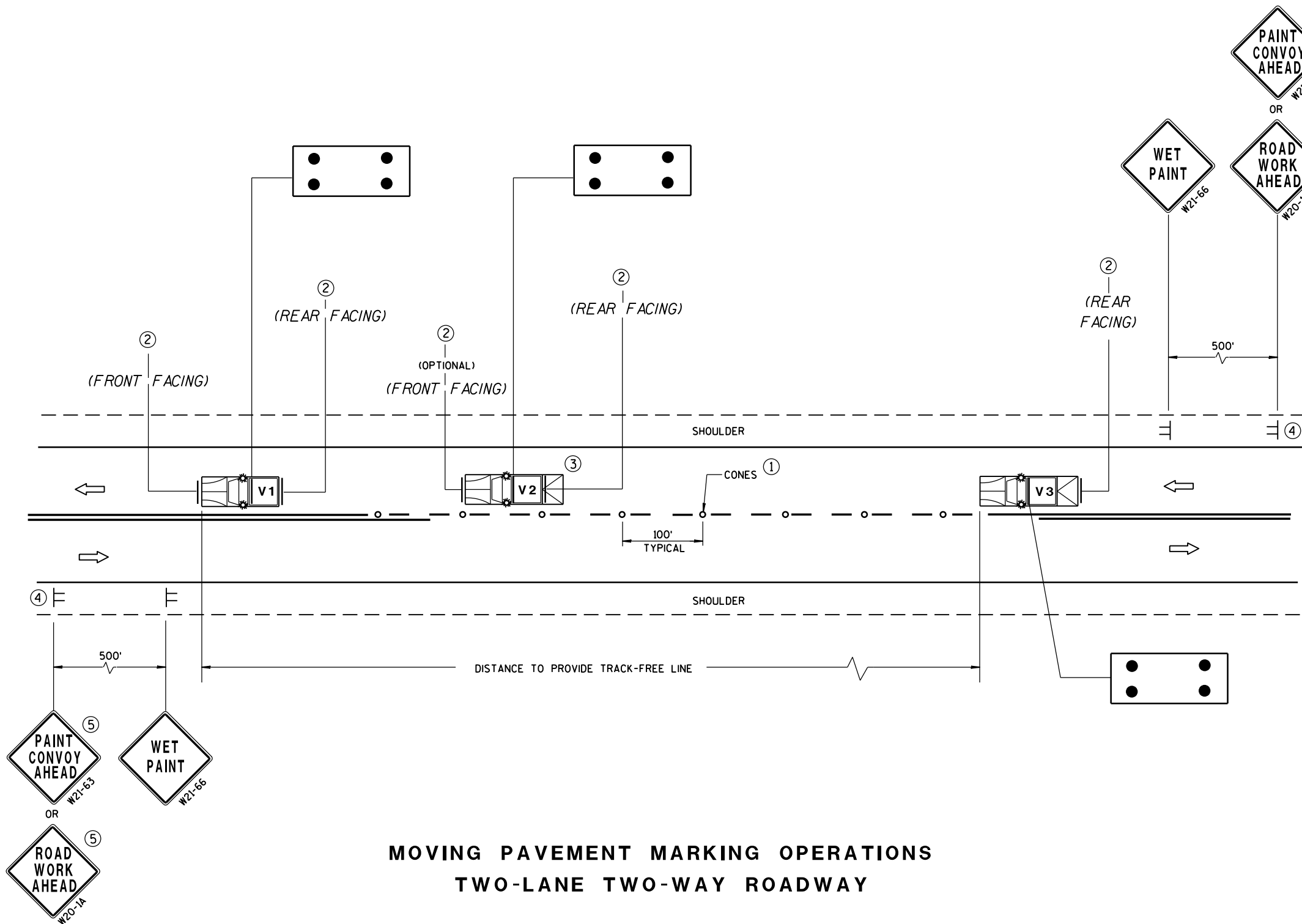


NON APPROACH MARKINGS

MEDIAN ISLAND MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

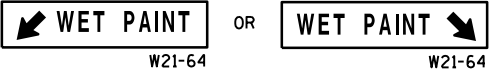
APPROVED
June 2017 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

- ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.
- VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.
- ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.
- IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.
- ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.
- DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.
- THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.
- THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.
- WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.
- ① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.
- ② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.
- ③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.
- ④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.
- ⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.



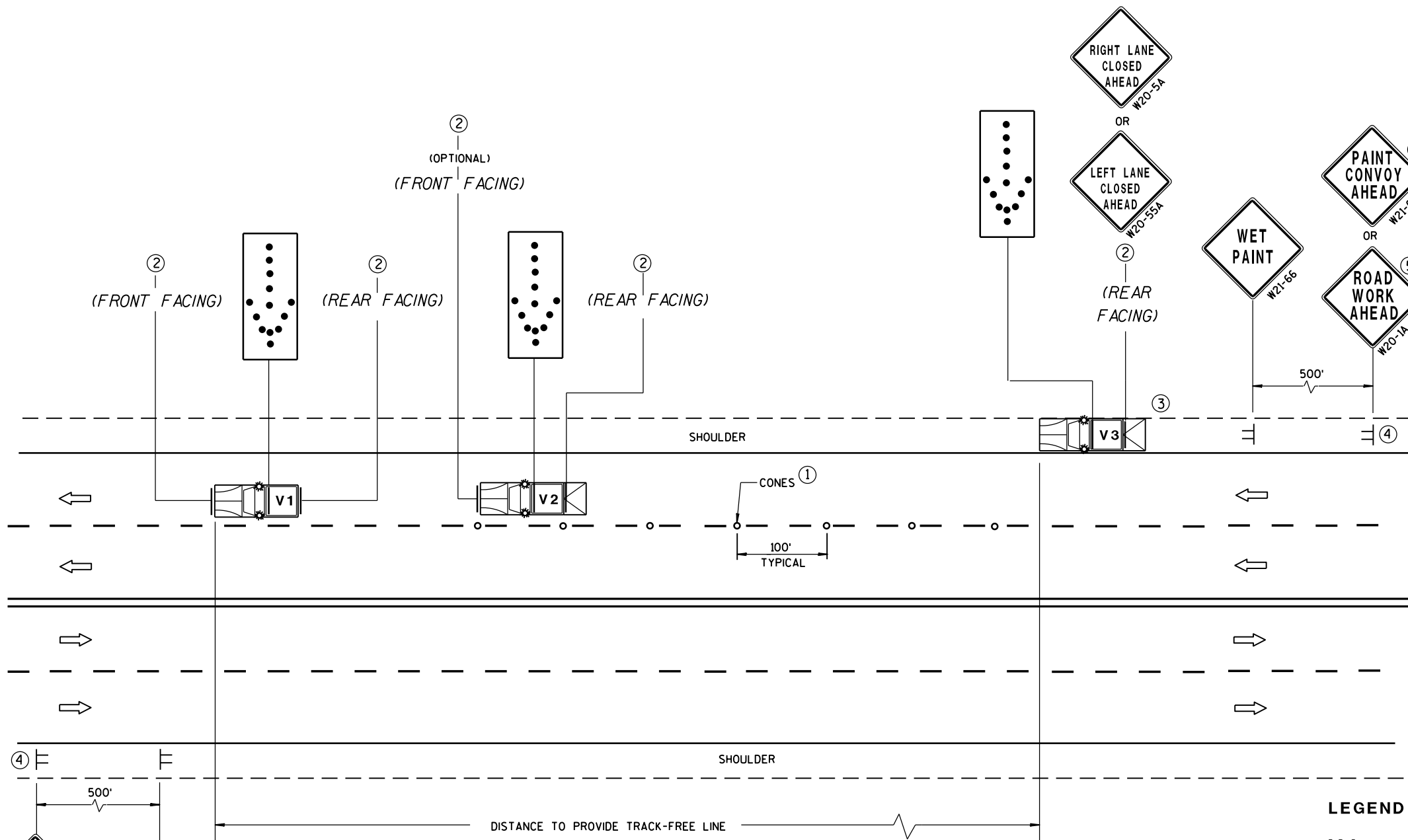
LEGEND

- V1** LEAD VEHICLE
- V2** SHADOW VEHICLE
- V3** TRAIL VEHICLE WITH TMA
- TMA** TRUCK-MOUNTED ATTENUATOR
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONES
- FLASHING ARROW PANEL (CAUTION)

MOVING PAVEMENT MARKING
OPERATION
TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA



MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE UNDIVIDED ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

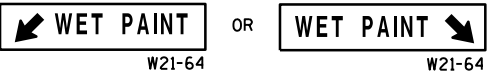
FOR EDGE LINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGE LINE OR LANELINE MARKING FOR MULTILANE UNDIVIDED ROADWAYS.

① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.



③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.

④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1 LEAD VEHICLE

V2 SHADOW VEHICLE

V3 TRAIL VEHICLE WITH TMA

TMA TRUCK-MOUNTED ATTENUATOR

Sign on temporary support

Direction of traffic

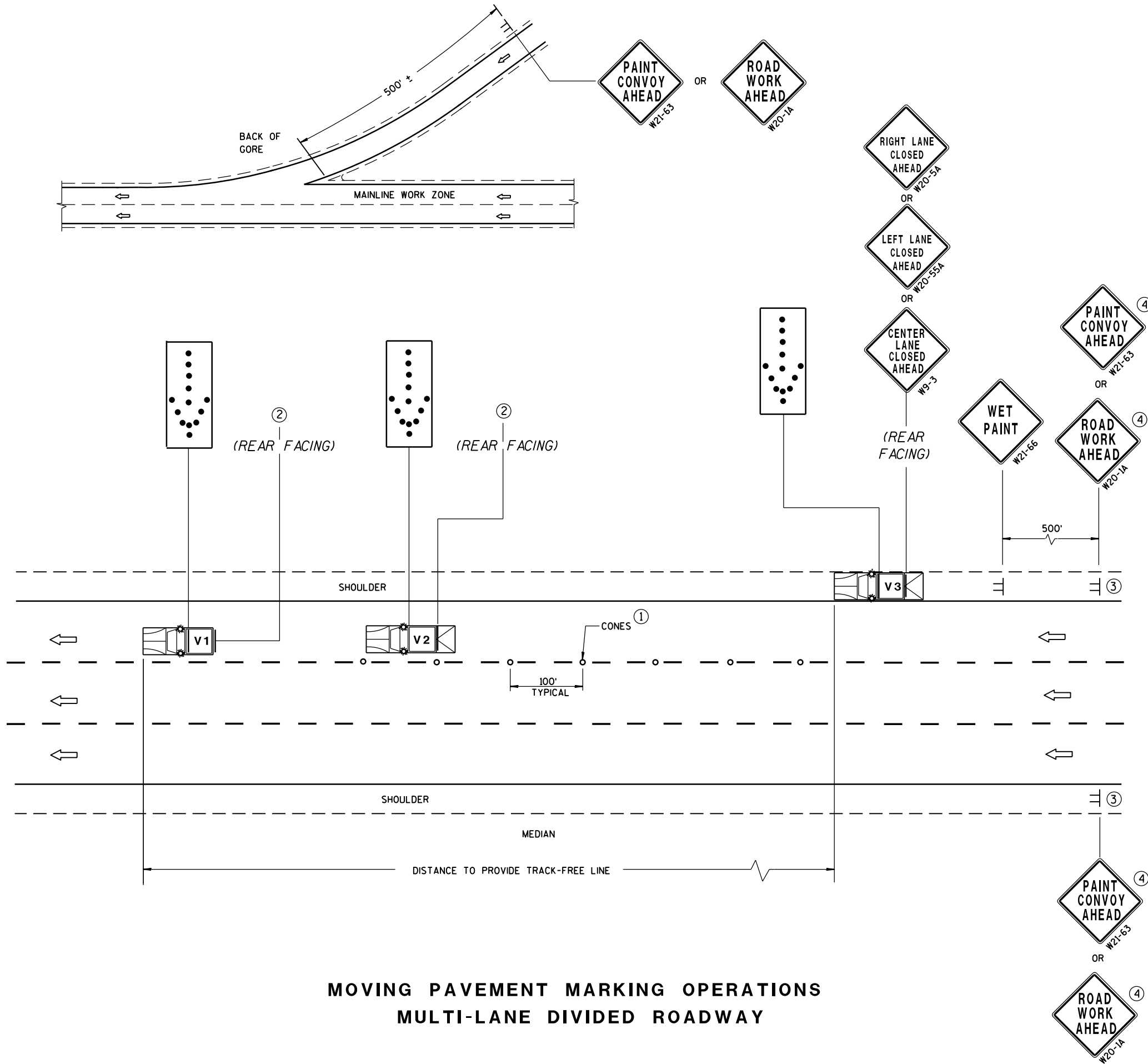
Cones

Flashing arrow panel (merge)

MOVING PAVEMENT MARKING
OPERATION
MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 /S/ Andrew Heldtke
DATE WORK ZONE ENGINEER
FHWA



MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE DIVIDED ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

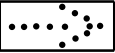
FOR EDGE LINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH. USE DOUBLE ARROWS WHEN CONVOY IS IN CENTER LANE ONLY.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

THIS DRAWING SHALL BE USED FOR EDGE LINE OR LANELINE MARKING FOR MULTILANE DIVIDED ROADWAYS.

- ① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.
- ② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.
 OR 
- ③ SIGNS SHALL BE REPEATED AFTER EVERY ON RAMP OR EVERY THREE MILES.
- ④ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

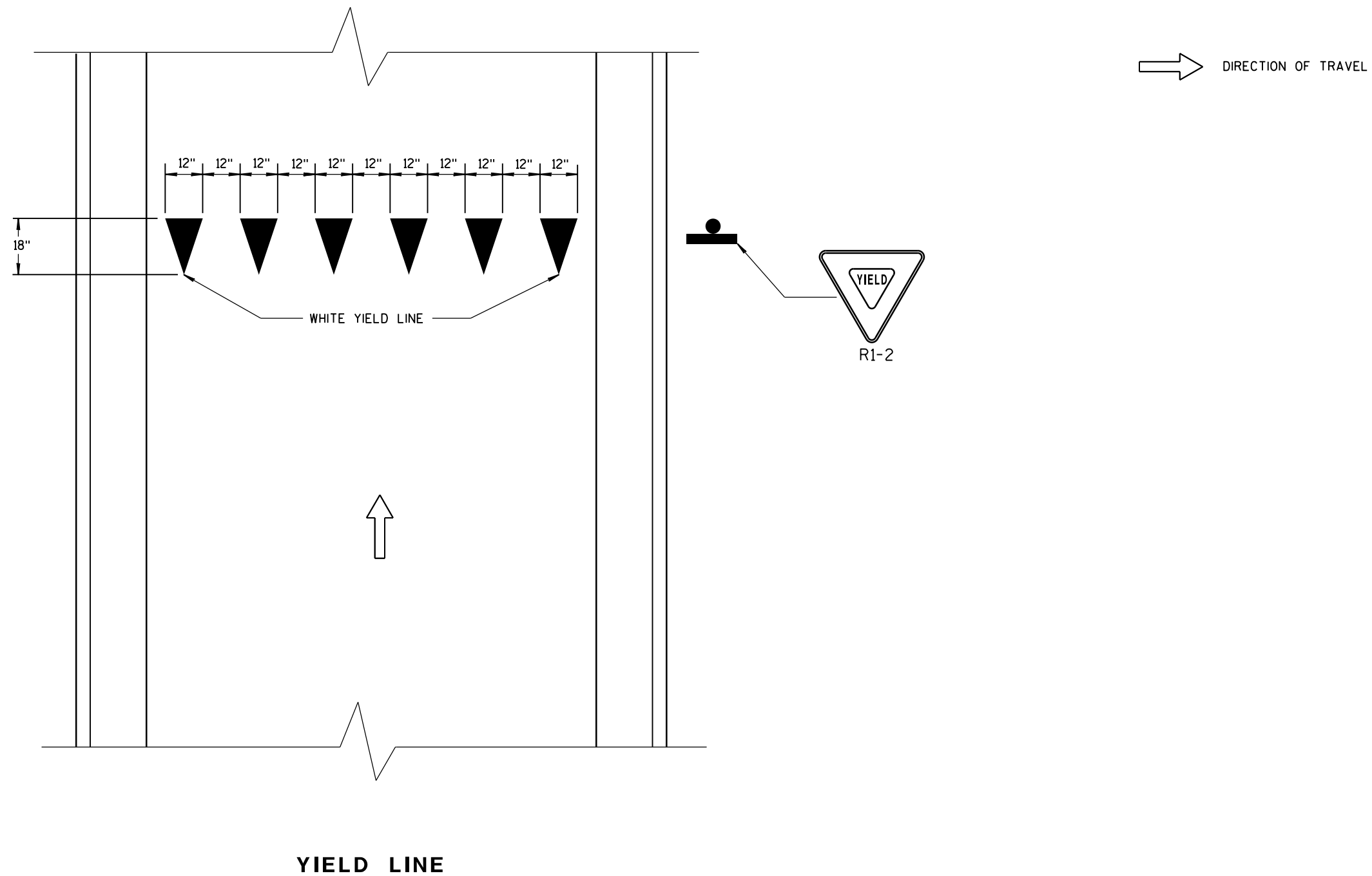
LEGEND

- V1** LEAD VEHICLE
- V2** SHADOW VEHICLE
- V3** TRAIL VEHICLE WITH TMA
-  **TMA** TRUCK-MOUNTED ATTENUATOR
-  SIGN ON TEMPORARY SUPPORT
-  DIRECTION OF TRAFFIC
-  CONES
-  FLASHING ARROW PANEL (MERGE)

MOVING PAVEMENT MARKING
OPERATION
MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
DATE: Sept. 2017 /S/ Andrew Heldtke
WORK ZONE ENGINEER
FHWA



YIELD MARKINGS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED <u>4-18-2016</u> DATE	<u>/S/ Matthew R. Rauch</u> STATE SIGNING AND MARKING ENGINEER
FHWA	

GENERAL NOTES

SIGNING AND MARKING IS SHOWN AS TYPICAL PLACEMENT. FIELD CONDITIONS MAY DICTATE CHANGES IN SIGNING AND MARKING PLACEMENT.

A DISTANCE DEPENDENT ON SPEED (SEE TABLE)

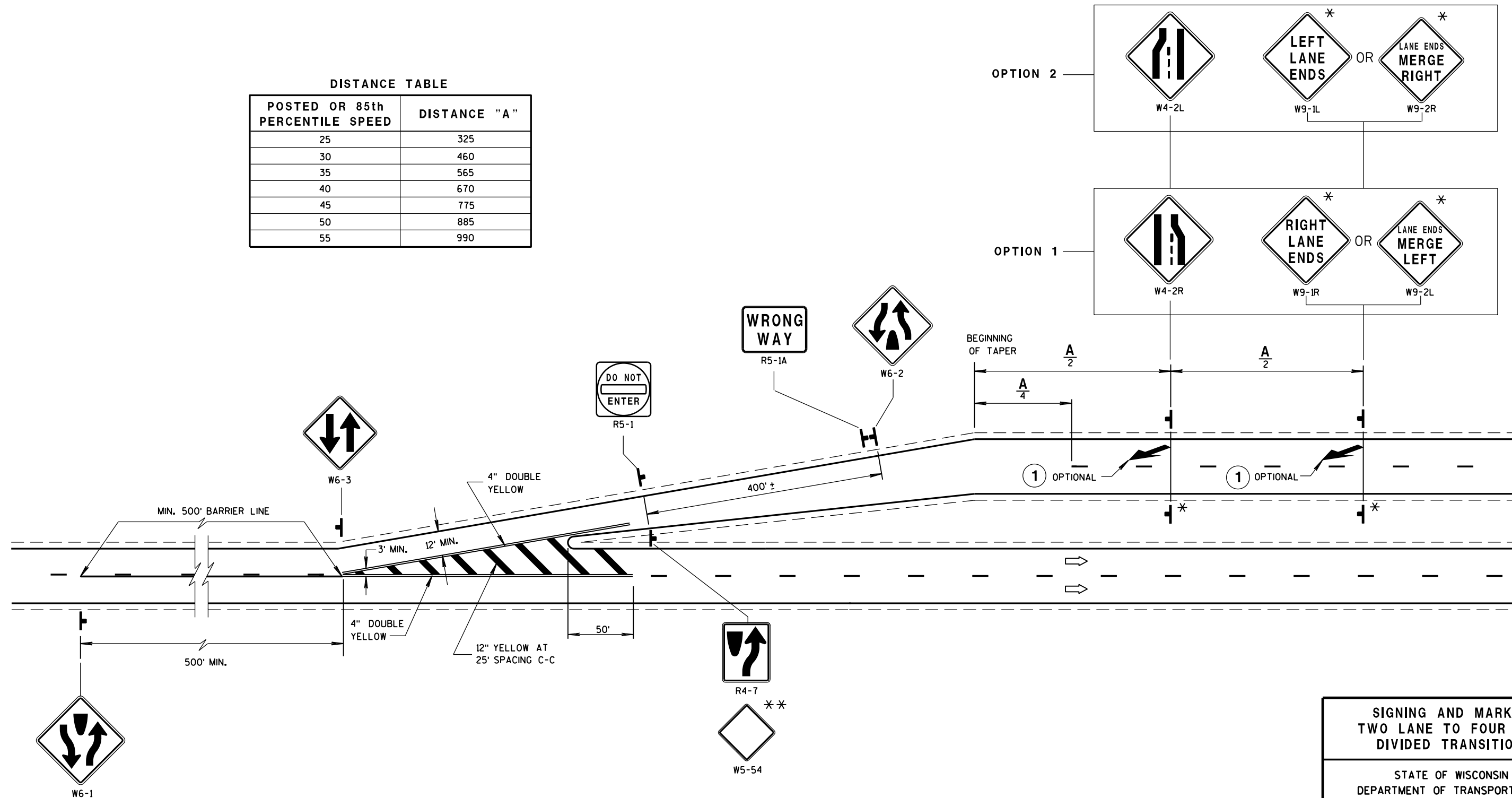
1 USED ONLY WHEN APPROVED BY REGION TRAFFIC ENGINEER.

SYMBOLS

- * SIGNS MAY BE OMITTED IF SPACE DOES NOT PERMIT
- * * IF POSTED SPEED 45 MPH OR GREATER, PLACE W5-54 SIGN UNDER R4-7 SIGN. MOUNT W5-54 SIGN AT 4' MOUNTING HEIGHT (TOP OF ROADWAY TO BOTTOM OF SIGN)
- ┐ POST MOUNTED SIGN
- ➡ DIRECTION OF TRAFFIC FLOW

DISTANCE TABLE

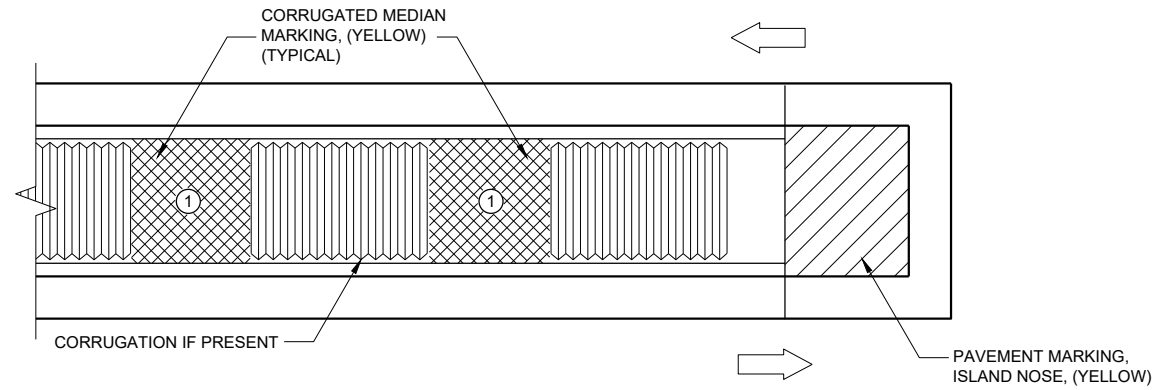
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
25	325
30	460
35	565
40	670
45	775
50	885
55	990



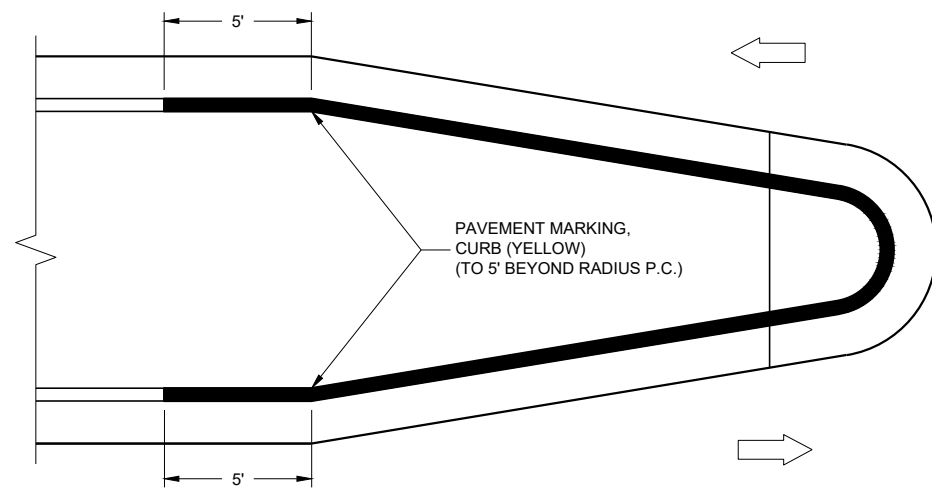
SIGNING AND MARKING
TWO LANE TO FOUR LANE
DIVIDED TRANSITIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

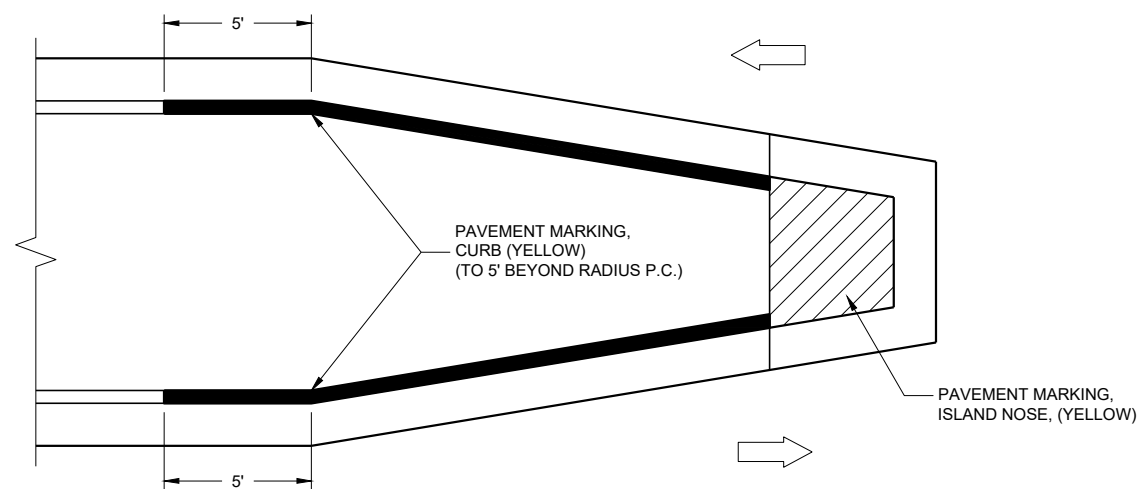
APPROVED
June 2017 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

-  ISLAND NOSE MARKING
-  CURB MARKING
-  CORRUGATED MEDIAN MARKING
-  DIRECTION OF TRAVEL

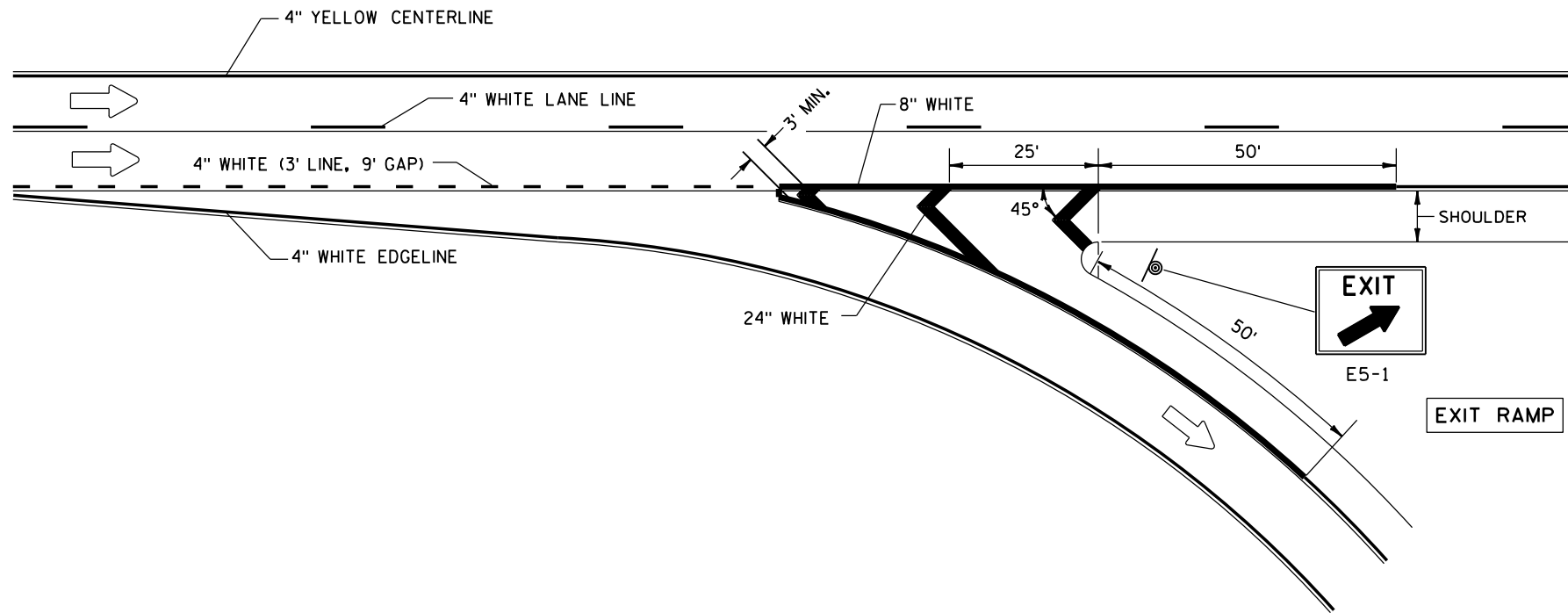
PAVEMENT MARKINGS (ISLANDS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MARKING
ENGINEER

FHWA



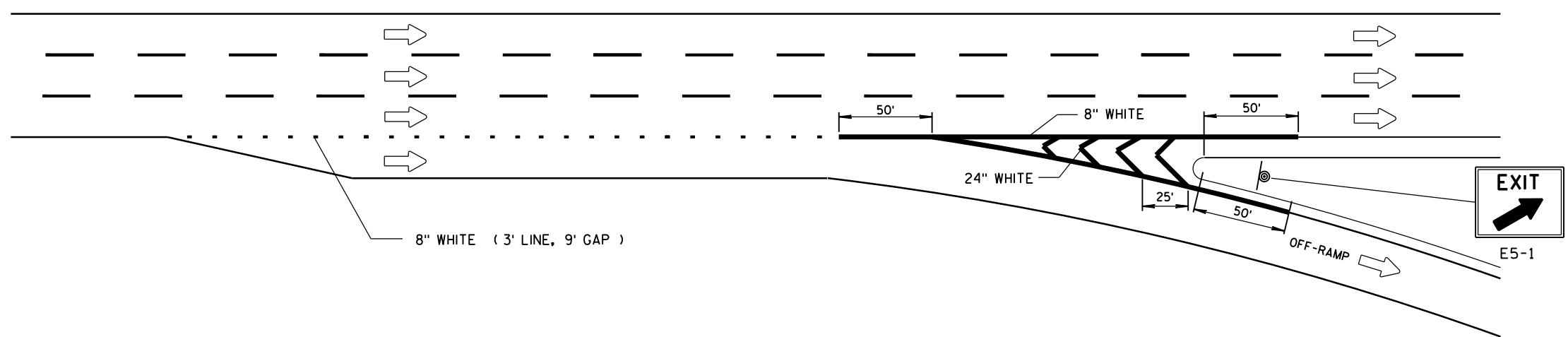
GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

- DIRECTION OF TRAVEL
- SIGN ON PERMANENT SUPPORT

PAVEMENT MARKING FOR EXIT RAMP



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT-RAMP

PAVEMENT MARKING
(RAMPS AND GOES)

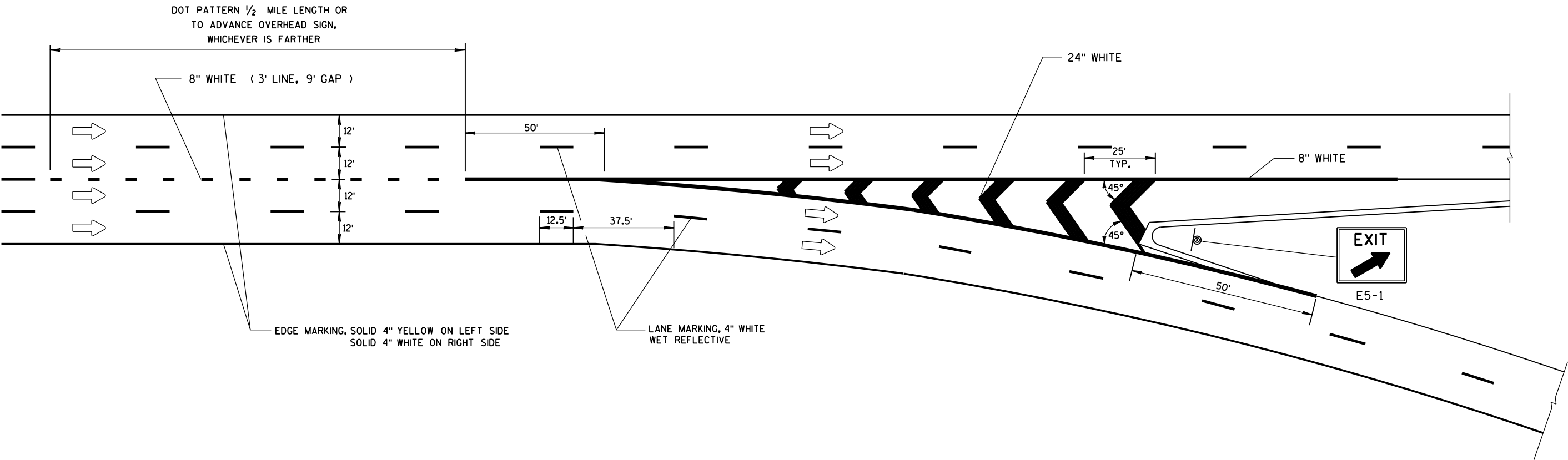
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

- ➡ DIRECTION OF TRAVEL
- ⊙ SIGN ON PERMANENT SUPPORT



PAVEMENT MARKING
MAJOR SPLIT
FREEWAY TO FREEWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

① 1/2 LENGTH OF FULL WIDTH ACCELERATION LANE.

PAVEMENT MARKING FOR ENTRANCE RAMP

LEGEND

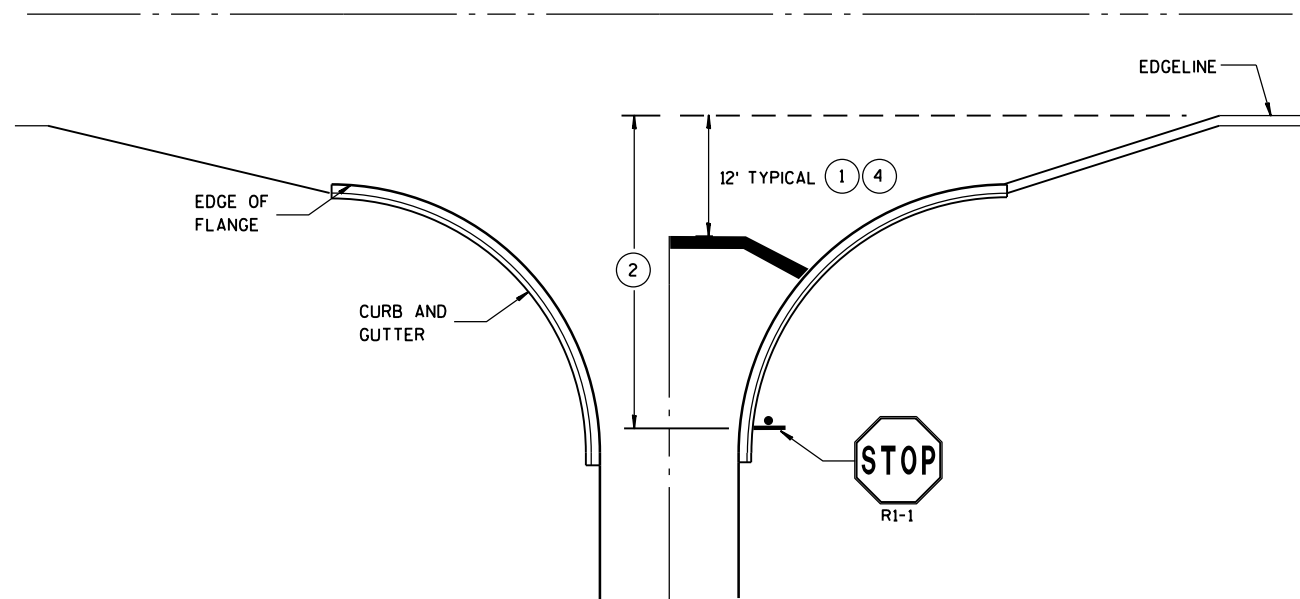
➡ DIRECTION OF TRAVEL

SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE-RAMP

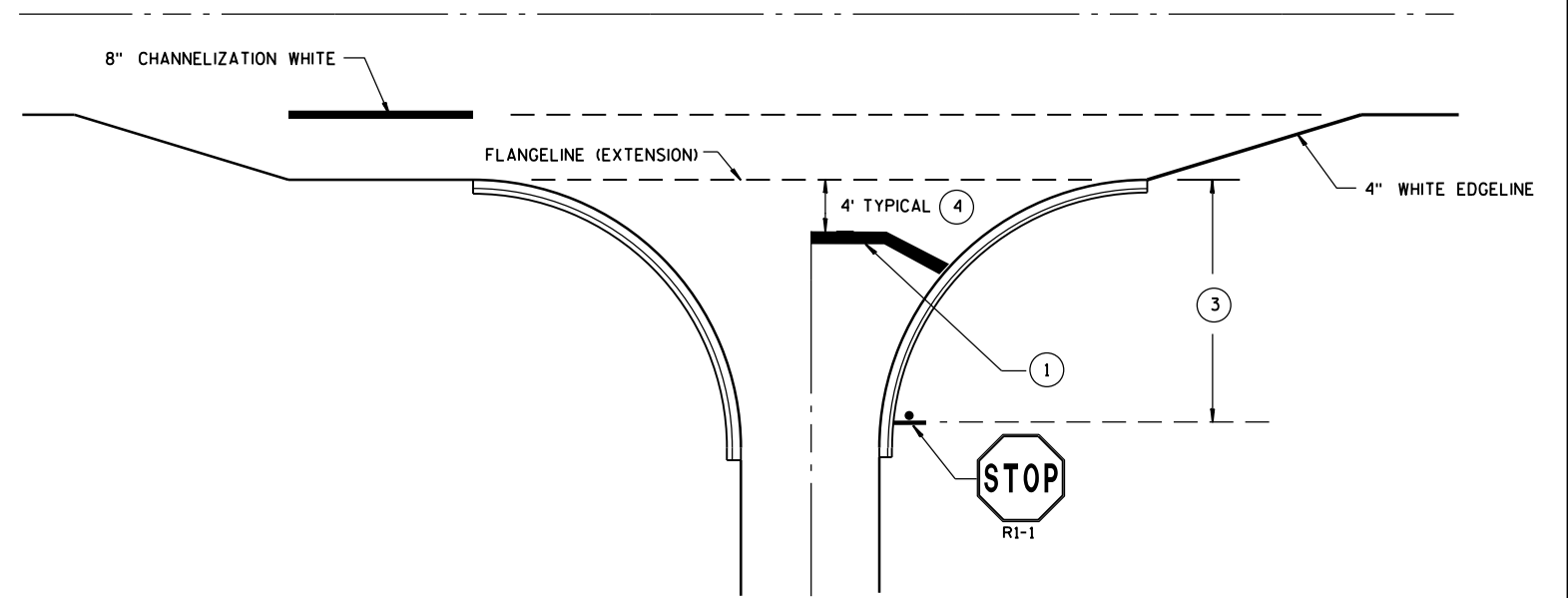
**PAVEMENT MARKING FOR
PARALLEL ON-RAMP AND
PARALLEL OFF-RAMP**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

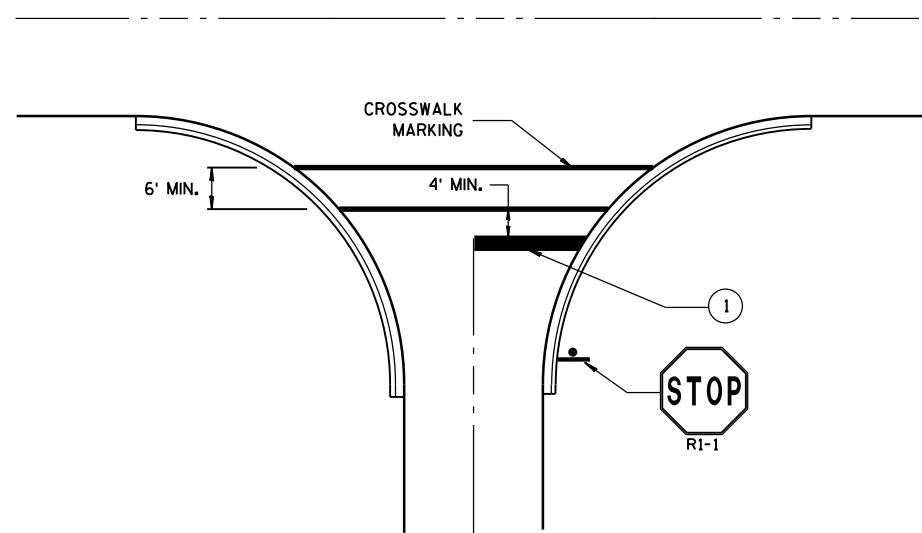
APPROVED
Sept., 2017 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



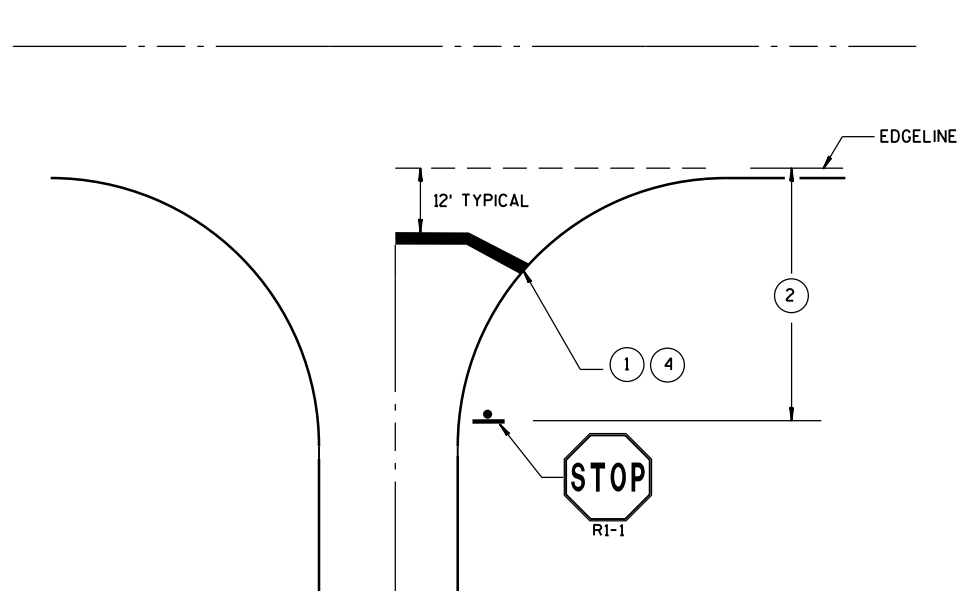
**TYPICAL STOP LINE PAVEMENT MARKING
WITH CURB AND GUTTER**



**TYPICAL STOP LINE PAVEMENT MARKING
FOR SIDEROADS WITH RIGHT TURN LANE**



**TYPICAL STOP LINE PAVEMENT MARKING
FOR SIDEROADS WITH CROSSWALK MARKING**



**TYPICAL STOP LINE PAVEMENT MARKING
WITHOUT CURB AND GUTTER**

GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGE LINE LOCATION.

- ① 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- ② IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGE LINE THAN NO STOP LINE IS REQUIRED.
- ③ IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
- ④ MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

**STOP LINE AND CROSSWALK
PAVEMENT MARKING**

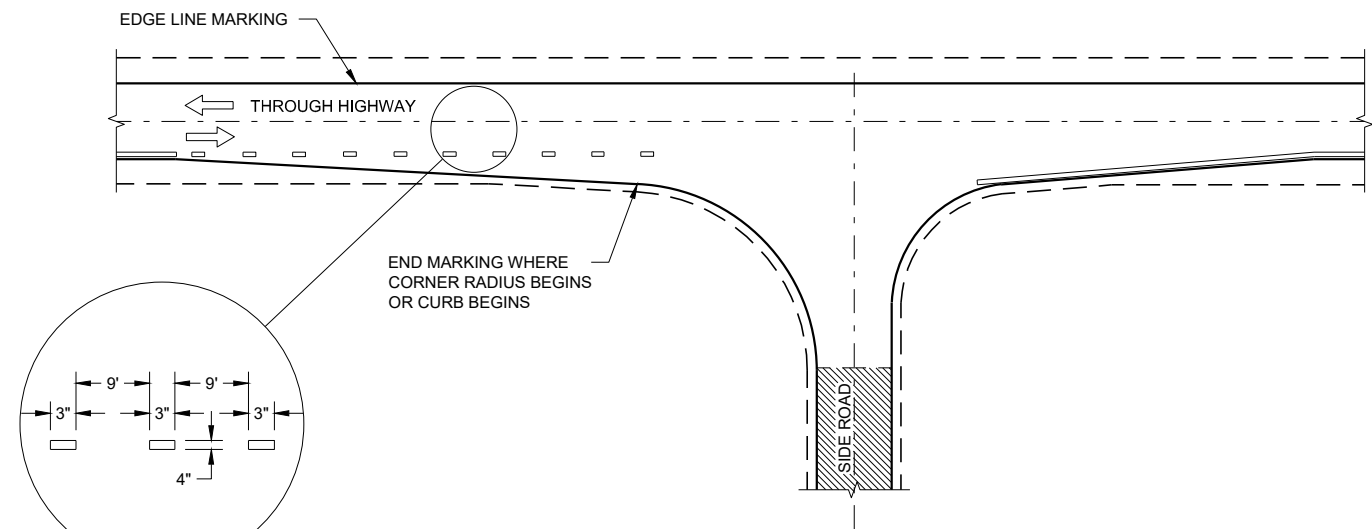
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

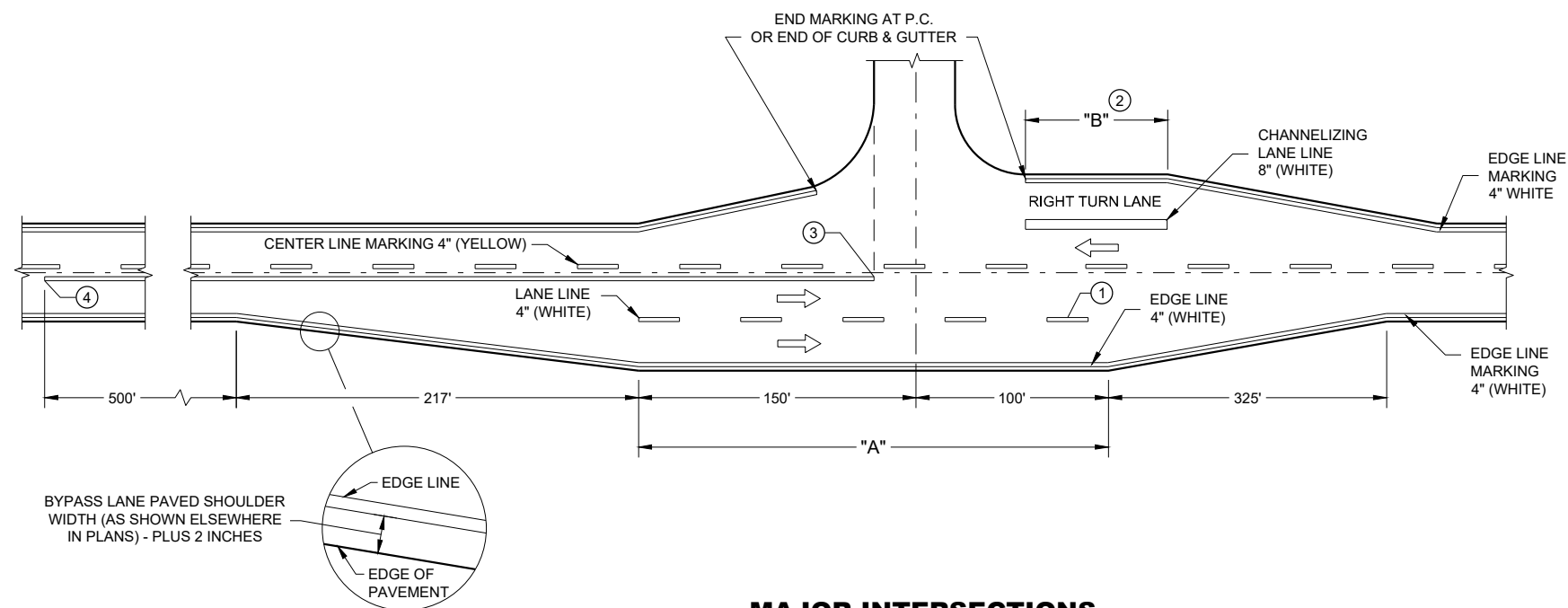
Sept., 2017
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

FHWA



MINOR INTERSECTION



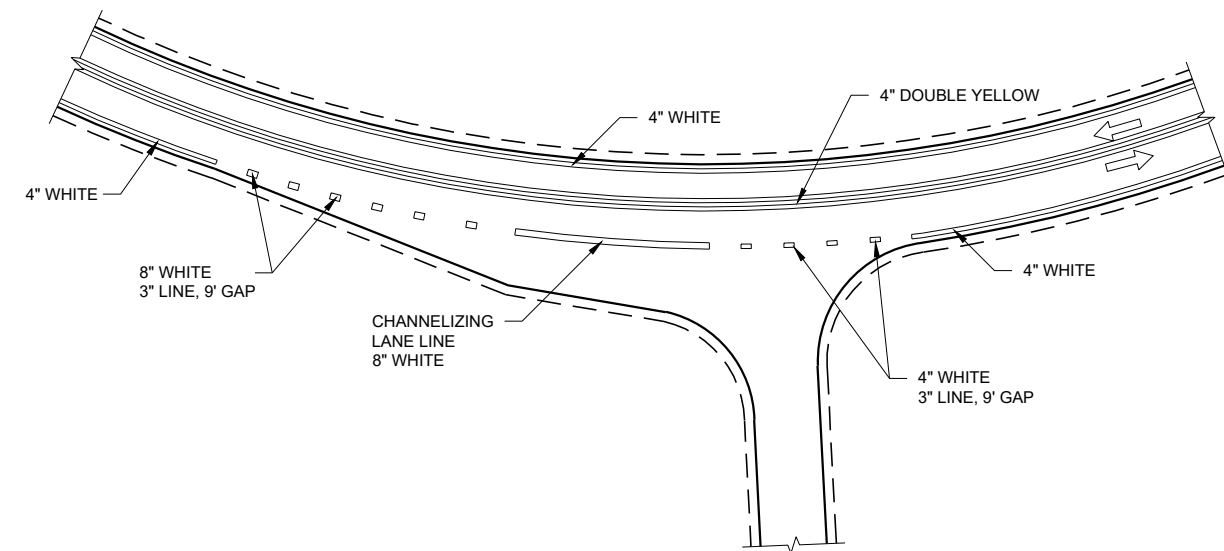
MAJOR INTERSECTIONS
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

- ① WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
- ② WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
- ③ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
- ④ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER

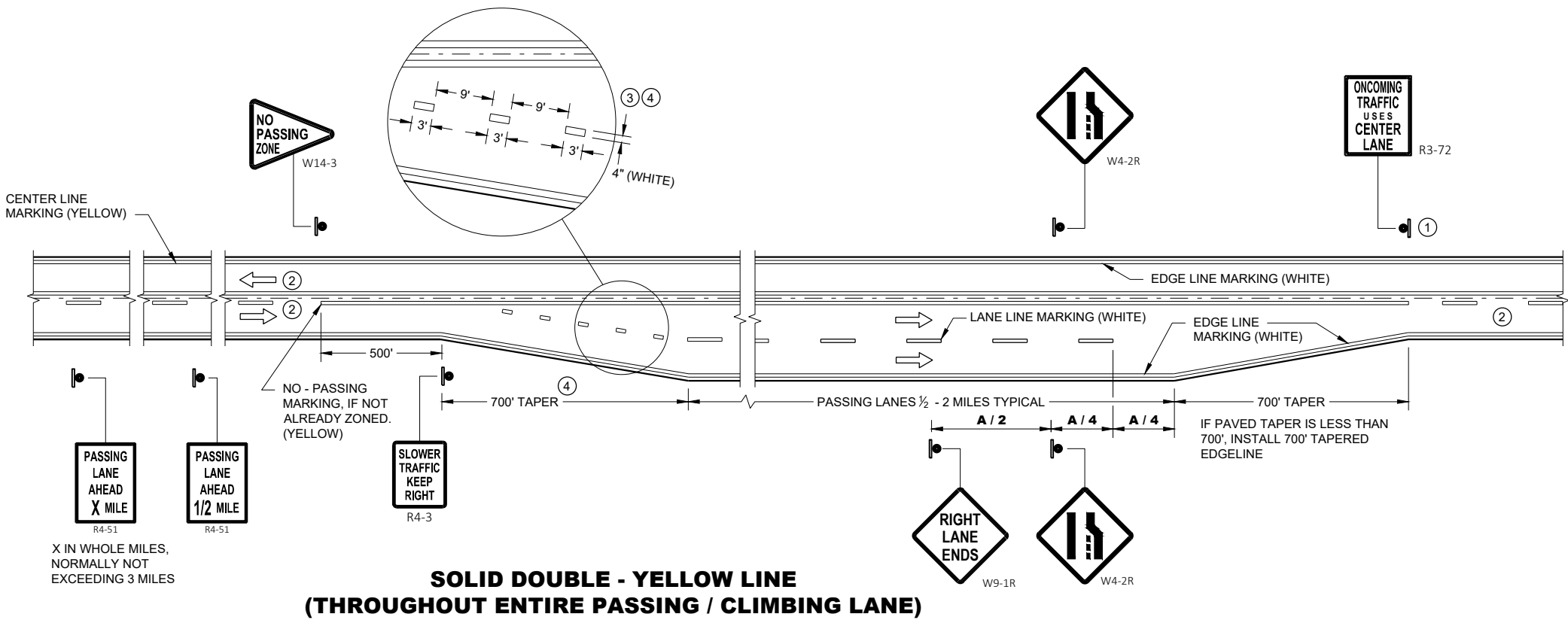
ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



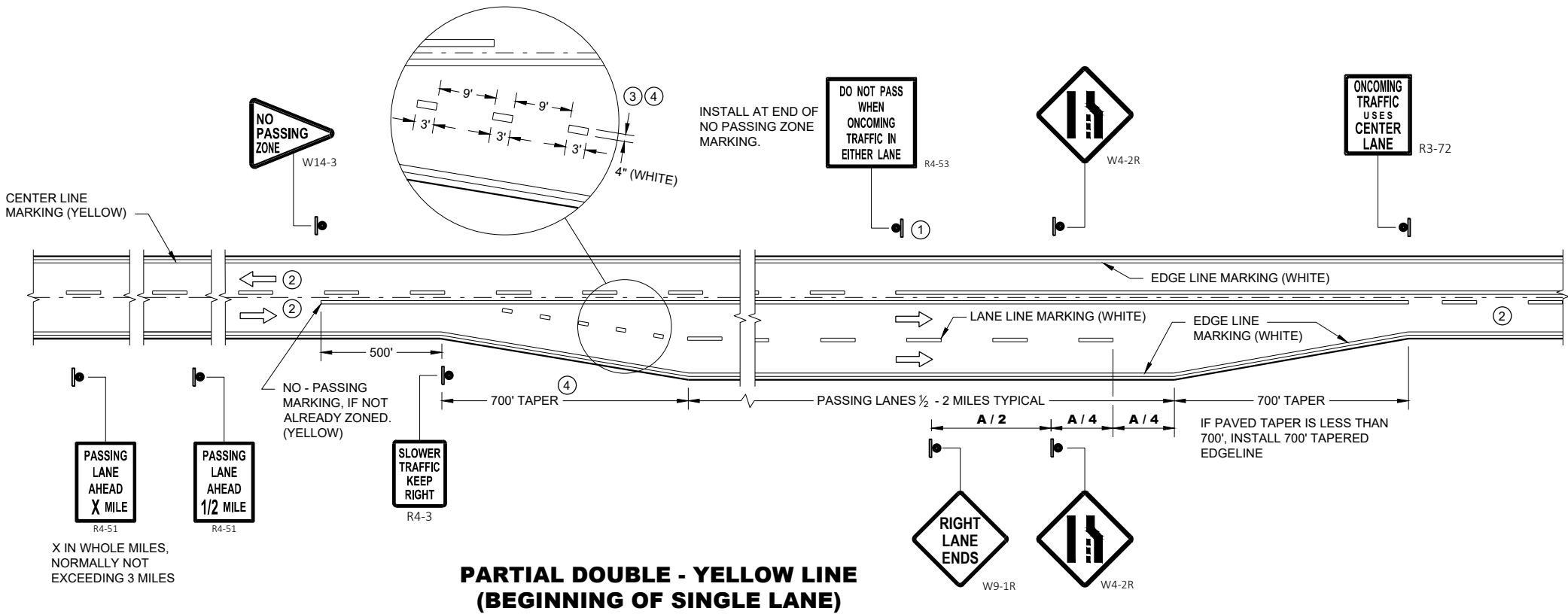
GENERAL NOTES

- ① SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- ② THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- ③ THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ④ WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING / CLIMBLING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL (➞) SHOWS DIRECTION OF TRAVEL

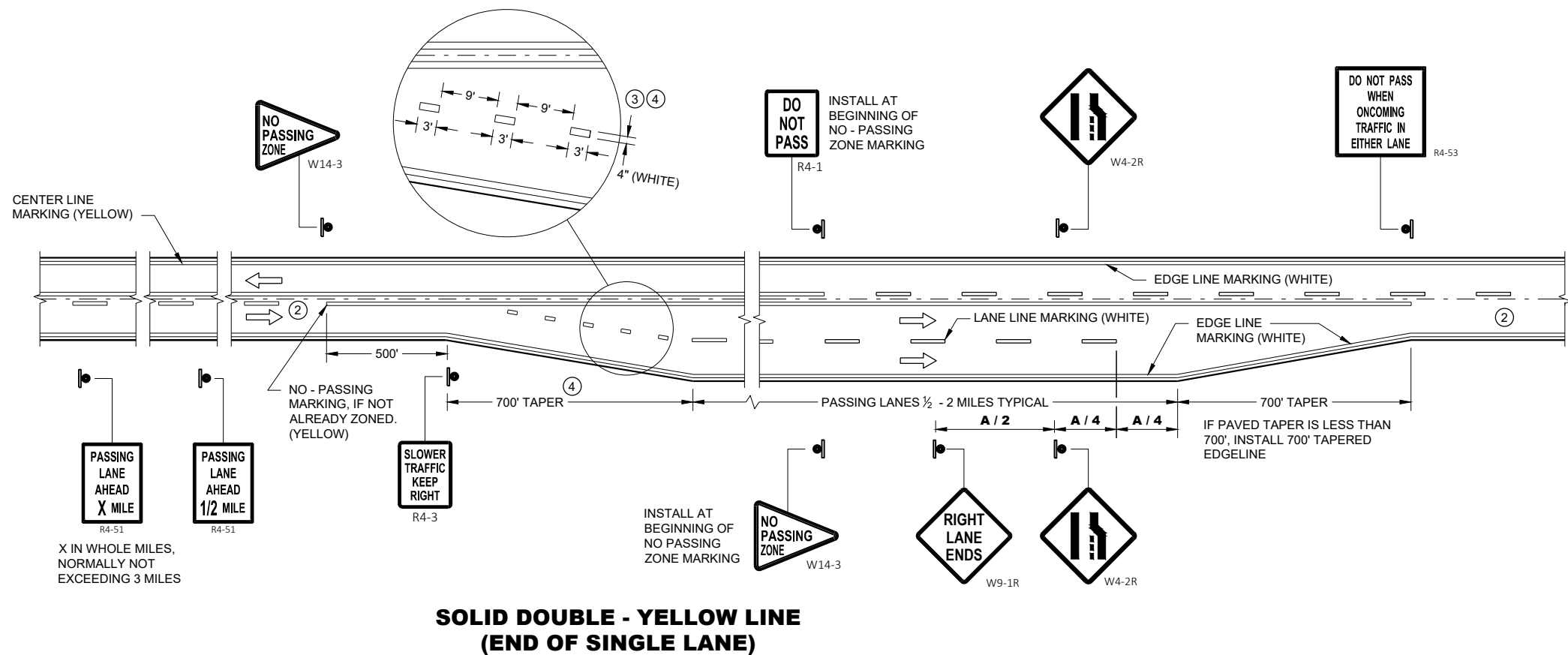
DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	775
50	850
55	950



**PAVEMENT MARKING & SIGNING
(CLIMBING LANE & PASSING LANE)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



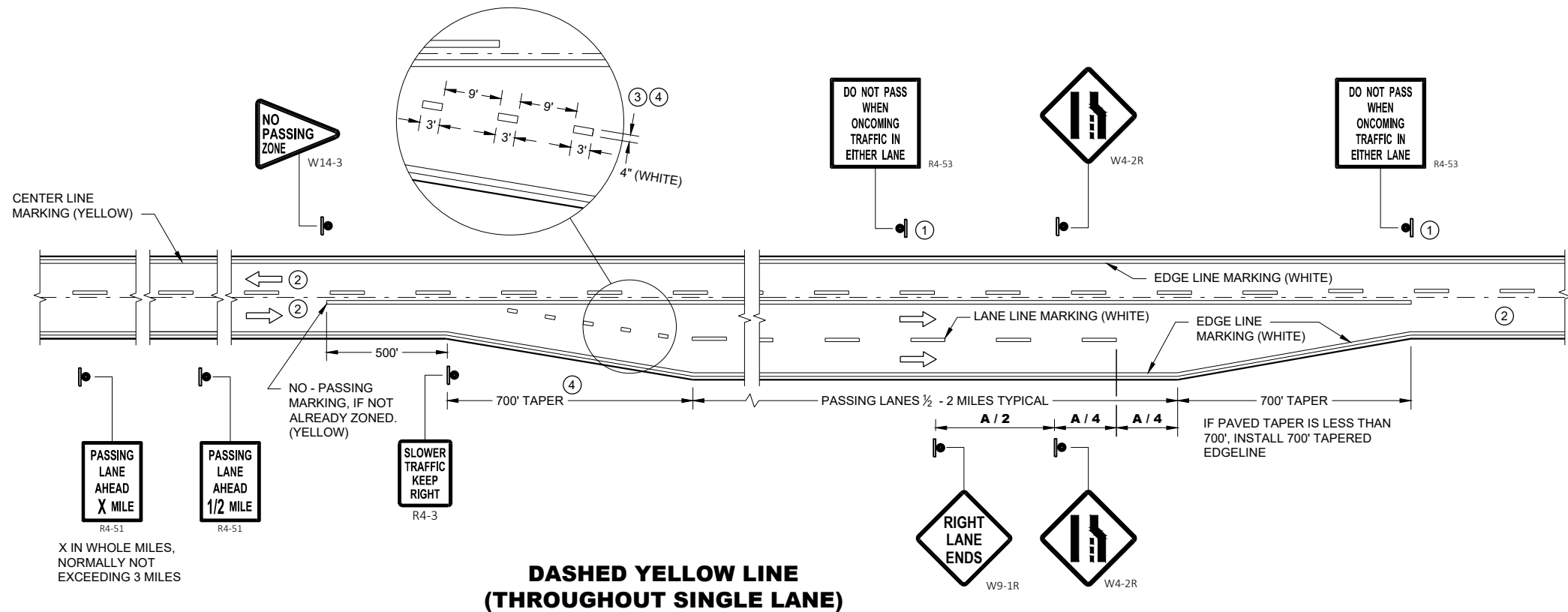
GENERAL NOTES

- ① SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- ② THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- ③ THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ④ WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING / CLIMBLING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

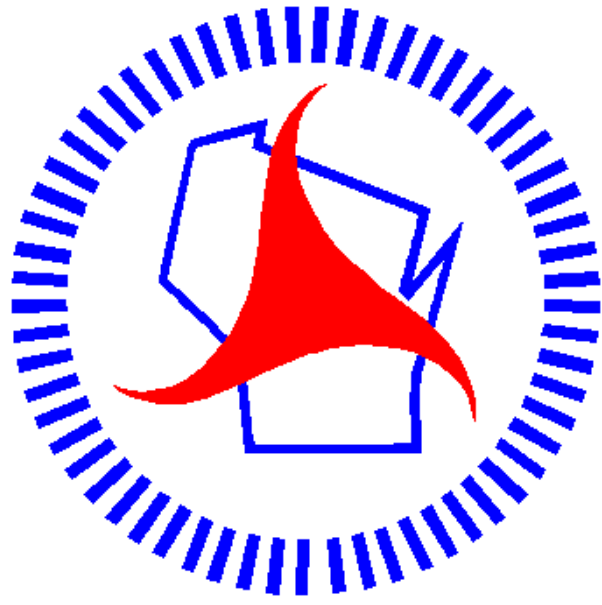
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	775
50	850
55	950



PAVEMNET MARKING & SIGNING (CLIMBLING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MARKING
ENGINEER
FHWA



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